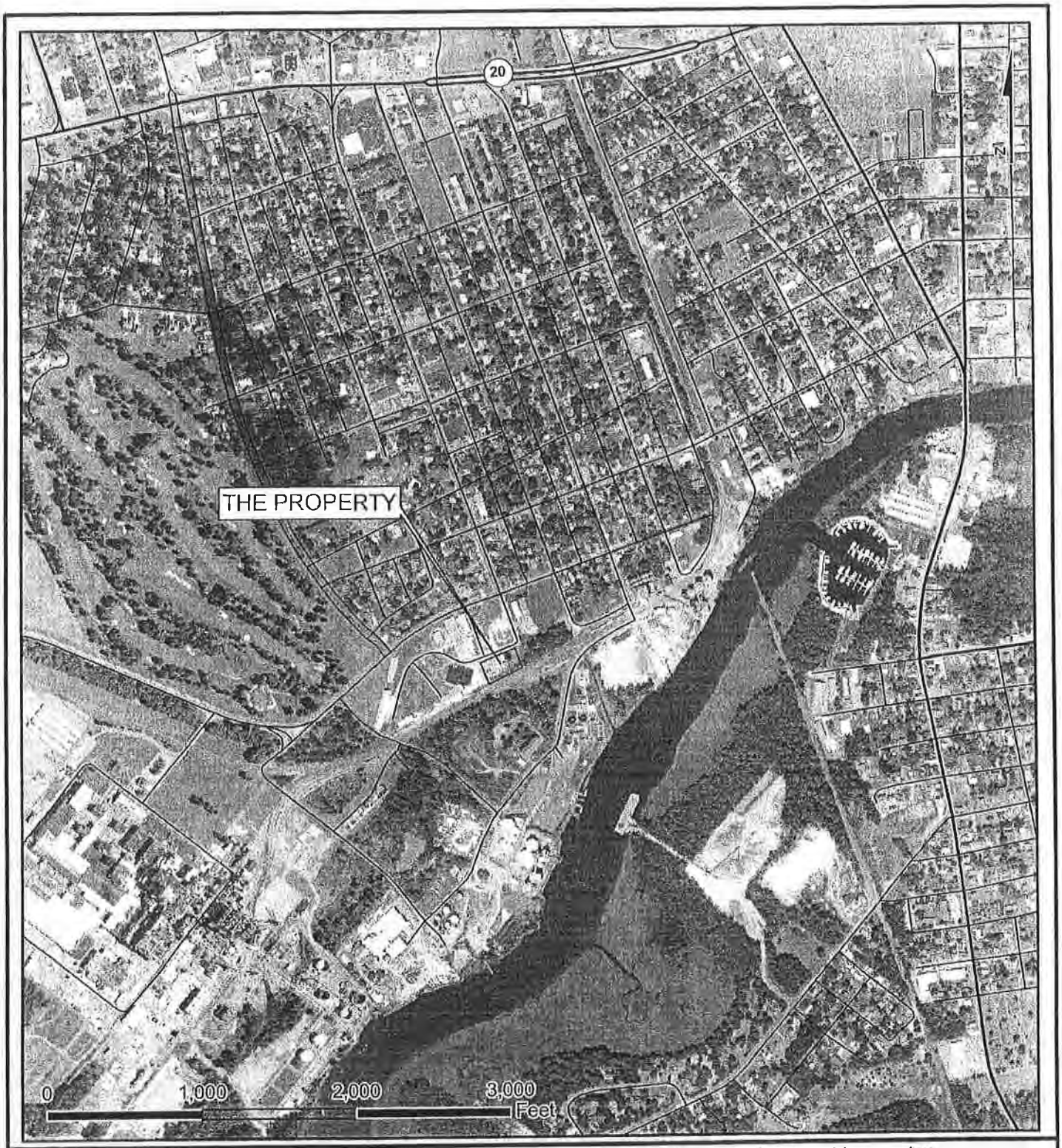
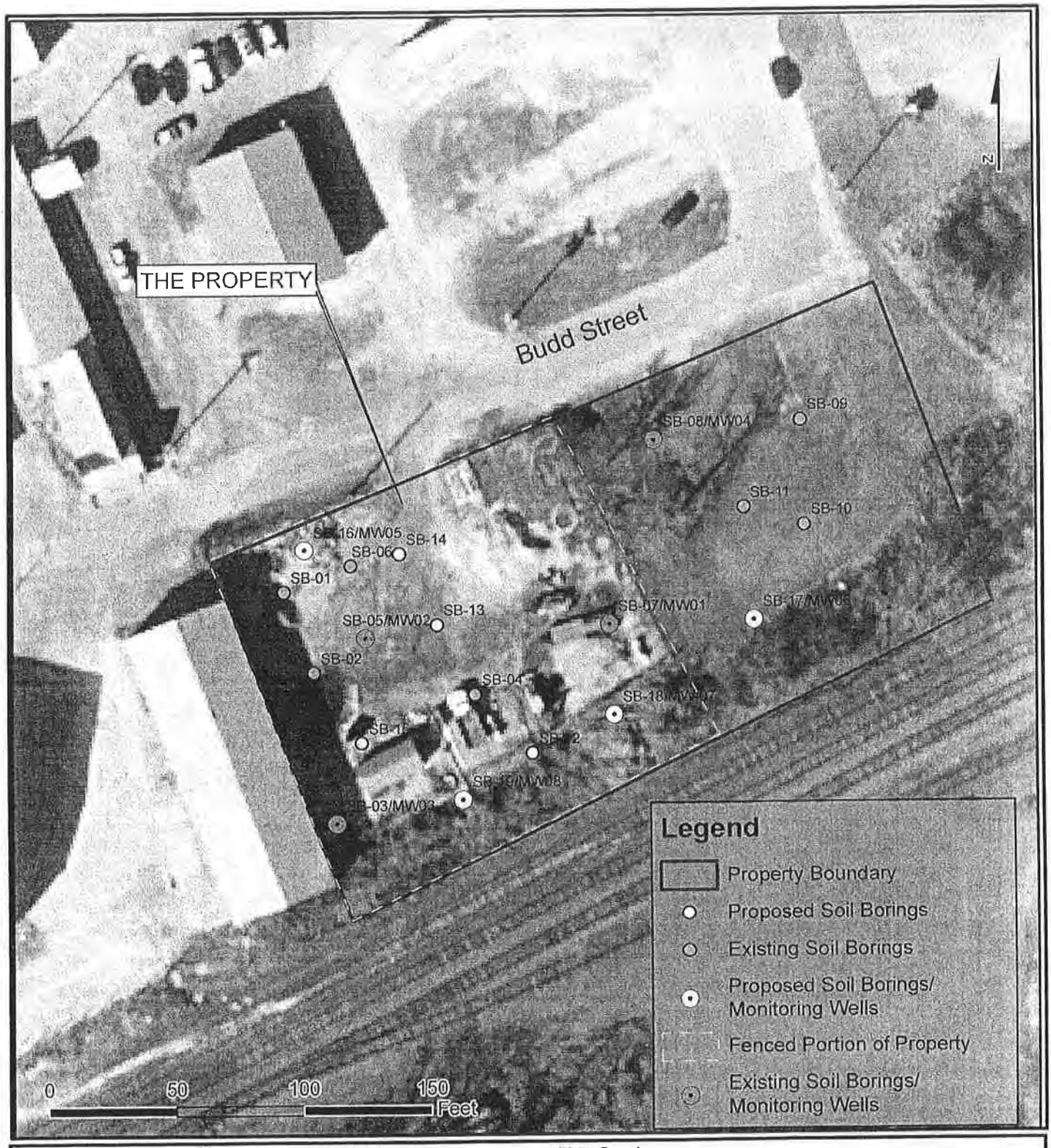
EXHIBIT 3



**This topographic map is courtesy of the 2013 United States Geological Survey (USGS) topographic mapping.

Date: 05/2015	**FIGURE 1** **OVERVIEW MAP**	DESIGNED BY: JCR	DUFFIELD ASSOCIATES Soil, Water & the Environment
SCALE: AS SHOWN		DRAWN BY: JCR	5400 LIMESTONE ROAD WILMINGTON, DE 19808-1232 TEL. (302)239-6634 FAX (302)239-8485
PROJECT NO. 10642.EB	**Seaford Town Gas Site (DE-0069) Conceptual Site Model & Sampling Analysis Plan**	CHECKED BY: CCW	OFFICES IN PENNSYLVANIA, SOUTHERN DELAWARE, MARYLAND AND NEW JERSEY
SHEET: FIGURE 1	SEAFORD~SUSSEX COUNTY~DELAWARE	FILE: Figure 1-Overview Map	EMAIL DUFFIELD@DUFFNET.COM

EXHIBIT 3



**The historical aerial photograph is courtesy of the DEMAC Web Map Service.

Date: 05/2015	**FIGURE 2** **SAMPLE LOCATION SKETCH**	DESIGNED BY: JCR	DUFFIELD ASSOCIATES Soil, Water & the Environment
SCALE: AS SHOWN		DRAWN BY: JCR	5400 LIMESTONE ROAD WILMINGTON, DE 19808-1232 TEL. (302)239-6634 FAX (302)239-8485
PROJECT NO. 10642.EA	**Seaford Town Gas Site (DE-0069) Conceptual Site Model & Sampling Analysis Plan**	CHECKED BY: CCW	OFFICES IN PENNSYLVANIA, SOUTHERN DELAWARE, MARYLAND AND NEW JERSEY
SHEET: FIGURE 2	SEAFORD~SUSSEX COUNTY~DELAWARE	FILE: FIGURE2_SAMPLE LOCATION SKETCH.mxd	EMAIL: DUFFIELD@DUFFNET.COM

EXHIBIT 3

APPENDIX A

DNREC's March 1984 Preliminary Assessment report

EXHIBIT 3

FOIA

A Preliminary Assessment

of

Seaford Town Gas

EPA No. DE-61

Emergency And Remedial Response Information System

Grant No. X-003282-01-0

March, 1984

Presented to: Mr. F. Shaul, Chief of Waste Enforcement
U.S. EPA, Region III

Prepared by: Delaware Department of Natural Resources
and Environmental Control, Solid Waste
Branch

Andrew Bollen, ERRIS Investigator

Robert Pickarr, ERRIS Coordinator

EXHIBIT 3

Table of Contents

I. Introduction

EXHIBIT 3

Inquiry Source

U. S. EPA Region III Headquarters, Philadelphia, PA.

Summary

Seaford Town Gas, located on Budd Street along the Nanticoke River in Seaford, Delaware, was used as a coal gas plant until approximately 1950.[1] In the coal gas operation, coal was burned at low temperature and oxygen to produce a gas which then goes through scrubbers to remove impurities.[1] The gas was then supplied to customers. The impurities included coal tar and naphalene. These products were sold to roofers for roofing material.[1&2] Seaford Town Gas was bought by Chesapeake Utilities about 1950 and the facility on Budd Street was switched to propane/air.[1] In 1958 the facility was changed to natural gas. The facility is now used as a transfer station for natural gas and as storage for propane tanks.[1&2]

Recommendations

No records can be found in Chesapeake Utilities files on any waste disposal site, the waste was said to be sold to roofers, and a site visit showed no evidence of contamination. However, this information is inconclusive and the Delaware Department of Natural Resources and Environmental Control recommends that a low priority site inspection be performed. The installation of monitoring wells should be completed prior to the site inspection.

II. Site History

Permits

No permits were ever issued by the Delaware Department of Natural Resources and Environmental Control to Seaford Town Gas.

Site Owner

Chesapeake Utilities Co.

Area Residents

Mr. Schieferstein, who lives adjacent to the Budd Street facility, worked for Chesapeake Utility Co. for over 30 years and retired in 1983. According to Mr. Schieferstein the coal gas operation was used during the 1940's and was switched to propane air around 1950. Other accounts by Mr. Schieferstein are referenced in the summary.

Media Coverage

No coverage of the Seaford Town Gas site was found in the Delaware State News library.

Regulatory Action

No regulatory action was ever taken at this site by the Delaware DNREC.

III. Environmental Setting

Surface Water

The Chesapeake Utilities Co. Budd St. facility is located on or adjacent to the Nanticoke River flood plain. The historic water quality in the Nanticoke River has been good to excellent with only minor fecal coliform exceedences.

Ground Water

Due to the proximity of the Nanticoke River, the water table at the site is close to the surface (less than ten feet), is about 100 ft. thick. Its potentiometric surface is less than 25 ft. below the surface.

Geology and Soils

The original surface material at the site was composed of silts and sands of the Columbia formation. These occur between 20 and 30 ft. thick in the Seaford area. The original soil at the site was a loamy sand of the Evesboro-Rumford formation.

Population Discribtion

The population of Seaford and Blades in 1980 was less than 6000.

Water Supply

The water in the area of the Chesapeake Utility Co.'s Budd Street facility is supplied by the City of Seaford.

Land Use

Land use to the north of the site is primarily residential, to the south between the site and the Nanticoke River, is a light industrial site.

IV. Preliminary Assessment Form

EXHIBIT 3

EPA

POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION: III | SITE NUMBER (To be assigned by EPA): DE-61

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW, Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: Seaford Town Gas

B. STREET (or other identifier): Budd Street

C. CITY: Seaford

D. STATE: DE

E. ZIP CODE: 19973

F. COUNTY NAME: Sussex

G. OWNER/OPERATOR (If known)

1. NAME: Chesapeake Utilities Salisbury, MD

2. TELEPHONE NUMBER: 302-629-4583

H. TYPE OF OWNERSHIP

[ ] 1. FEDERAL [ ] 2. STATE [ ] 3. COUNTY [X] 4. MUNICIPAL [ ] 5. PRIVATE [ ] 6. UNKNOWN

I. SITE DESCRIPTION

J. HOW IDENTIFIED (Citizen's complaint, OSHA citation, etc.)

K. DATE IDENTIFIED (Mo., day, & yr.)

L. PRINCIPAL STATE CONTACT

1. NAME: Robert Pickart Solid Waste Branch, Delaware DNREC

2. TELEPHONE NUMBER: 302-736-4781

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM

[ ] 1. HIGH [ ] 2. MEDIUM [ ] 3. LOW [ ] 4. NONE [ ] 5. UNKNOWN

B. RECOMMENDATION

[ ] 1. NO ACTION NEEDED (no hazard)

[ ] 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:

[ ] 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:

[ ] 4. SITE INSPECTION NEEDED (low priority)

C. PREPARER INFORMATION

1. NAME: Andrew Bullen Solid Waste Branch

2. TELEPHONE NUMBER: 302-736-4781

3. DATE (Mo., day, & yr.): 2/29/84

III. SITE INFORMATION

A. SITE STATUS

[ ] 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently used.)

[X] 2. INACTIVE (Those sites which no longer receive wastes.)

[ ] 3. OTHER (specify) (Those sites that do not fit into either of the above categories, such as illegal dumping sites where no regular or continuing use of the site for waste disposal has occurred.)

B. IS GENERATOR ON SITE?

[ ] 1. NO [X] 2. YES (specify generator's four-digit SIC Code):

C. AREA OF SITE (in acres): 1/2 acre

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE (Deg.-min.-sec.):

2. LONGITUDE (Deg.-min.-sec.):

E. ARE THERE BUILDINGS ON THE SITE?

[ ] 1. NO [X] 2. YES (specify):

EXHIBIT 3

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking "X" in the appropriate boxes.

A. TRANSPORTER	B. STORER	C. TREATER	D. DISPOSER
1. MAIL	1. PILE	1. FILTRATION	1. LANDFILL
2. BARGE	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. BARGE	3. DRUM	3. VOLUME REDUCTION	3. OPEN DUMP
4. TRUCK	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT
5. PIPELINE	5. TANK, BELOW GROUND	5. CHEM./PHYS. TREATMENT	5. MIDNIGHT DUMPING
6. OTHER (specify)	6. OTHER (specify)	6. BIOLOGICAL TREATMENT	6. INCINERATION
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER (specify)
		9. OTHER (specify)	

B. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Seaford Town Gas, now owned by Chesapeake Utilities, Company, manufactured coal gas at the site until approximately 1950. Scrubbers and filteres were used to remove impurities from the gas.

V. WASTE RELATED INFORMATION

A. WASTE TYPE

[ ] 1. UNKNOWN [ ] 2. LIQUID [ ] 3. SOLID [X] 4. SLUDGE [ ] 5. GAS

B. WASTE CHARACTERISTICS

[ ] 1. UNKNOWN [ ] 2. CORROSIVE [ ] 3. IGNITABLE [ ] 4. RADIOACTIVE [ ] 5. HIGHLY VOLATILE
[ ] 6. TOXIC [ ] 7. REACTIVE [ ] 8. INERT [ ] 9. FLAMMABLE

[ ] 10. OTHER (specify)

C. WASTE CATEGORIES

1. Are wastes of wastes available? Specify items such as manifests, inventories, etc. below.

2. Estimate the amount (specify unit of measure) of waste by category; mark "X" to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
[ ] (1) PAINT PIGMENTS	[X] (1) USED OILS	[X] (1) HALOGENATED SOLVENTS	[X] (1) ACIDS	[X] (1) FLYASH	[X] (1) LABORATORY CHEMICALS
[ ] (2) METAL SLUDGES	[X] (2) OTHER (specify)	[ ] (2) NON-HALOGENATED SOLVENTS	[ ] (2) PICKLING LIQUOR	[ ] (2) ASBESTOS	[ ] (2) HOSPITAL
[ ] (3) DYES	Coal tar naphthalene	[ ] (3) OTHER (specify)	[ ] (3) CAUSTICS	[ ] (3) MILLING/MINE TAILINGS	[ ] (3) RADIOACTIVE
[ ] (4) ALUMINUM SLUDGE			[ ] (4) PESTICIDES	[ ] (4) FERROUS SMELTING WASTES	[ ] (4) MUNICIPAL
[ ] (5) OTHER (specify)			[ ] (5) DYES/INKS	[ ] (5) NONFERROUS SMELTING WASTES	[ ] (5) OTHER (specify)
			[ ] (6) CYANIDE	[ ] (6) OTHER (specify)	
			[ ] (7) PHENOLS		
			[ ] (8) HALOGENS		
			[ ] (9) PCBs		
			[ ] (10) METALS		
			[ ] (11) OTHER (specify)		

Continue On Page 3

EXHIBIT 3

Continued From Page 2

V. WASTE RELATED INFORMATION (continued)

E. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

No evidence of any substances of any concern on the site.

F. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mm/dd/yy)	E. REMARKS
1. NONE USED				
2. HUMAN HEALTH				
3. NONWORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. UNPLEASANT ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. STORAGE/LEAKING CONTAINERS/RUNOFF/STANDING LIQUIDS				
17. SEWER, BUILDING, UTILITY PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. HIGH SPILL POTENTIAL				
22. OTHER (specify)				

Continue On Reverse

EXHIBIT 3

Continued From Front

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT *(specify)*

☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER

☐ 7. RCRA STORER ☐ 8. RCRA TREATER ☐ 9. RCRA DISPOSER

☐ 10. OTHER *(specify)*:

B. IN COMPLIANCE?

☐ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

C. WITH RESPECT TO *(list regulation name & number)*:

VIII. PAST REGULATORY ACTIONS

☐ A. NONE ☐ B. YES *(complete below)*

IX. INSPECTION ACTIVITY *(past or on-going)*

☐ A. NONE ☐ B. YES *(complete items 1, 2, 3, & 4 below)*

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION *(mo., day, & yr.)*	3. PERFORMED BY: *(EPA/State)*	4. DESCRIPTION

X. REMEDIAL ACTIVITY *(past or on-going)*

☐ A. NONE ☐ B. YES *(complete items 1, 2, 3, & 4 below)*

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION *(mo., day, & yr.)*	3. PERFORMED BY: *(EPA/State)*	4. DESCRIPTION

NOTE. Based on the information in Sections III through X, fill out the Preliminary Assessment *(Section II)* information on the first page of this form.

V. Field Trip Summary Report

EXHIBIT 3

FIELD TRIP SUMMARY REPORT

This summary should be prepared in conjunction with the Preliminary Assessment Form, (EPA Form T2070-2), so that a proper site rating can be assigned.

Name of Site Seaford Town Gas

EPA Case Number DE-61

TDD Number _____

I. If site is active, has owner/operator notified EPA in accordance with Section 3010 of RCRA. Yes ___ No X

If Yes: a) Note EPA I.D. No. _____
b) Is the site a generator, storer, treater or disposer of hazardous waste? (CIRCLE ONE).

II. If the answers submitted in Part VI (Hazard Description) of EPA Form T2070-2 or observations warrant a more thorough site investigation/sampling, please attach a sketch map showing those areas of concern. (i.e.: lagoons, leachate seeps, drum storage, monitoring wells, etc.).

III. Please list site contacts and accompanying inspectors; include name, title and phone numbers: _____

Andrew Sullen, Tom Gainer, DNREC Solid Waste Branch, 302-736-4781

Charles Russell, Chesapeake Utilities 302-629-4563

Mr. Schieferstein, Chesapeake Utilities (Retired)

IV. Site observations: (attach a topo map).

A. Population within 1000 ft. of the site is (CIRCLE ONE)

1. 0-10 people
2. 10-100 people
3. greater than 100 people

B. List surrounding land use: (wood lot, agricultural, playground, industrial, etc.).

North: vacant lot and residential

South: railroad and Nanticoke River

East: Mr. Schieferstein's house and property

West: warehouses

FIELD TRIP SUMMARY REPORT TDD Number _____

C. Water supply for area. (CIRCLE ONE)

1. Surface intakes (locate on attached map)
2. Municipal wells (locate on map)
3. Domestic wells:
   a. Approximate number within 1/4 mile. _____
   b. Locate a minimum of 3 wells on attached map and list below:

Property owner _____ _____ _____

Address _____ _____ _____

Phone No. _____ _____ _____

Well records	YES___	NO___	YES___	NO___	YES___	NO___
Odor Problems	YES___	NO___	YES___	NO___	YES___	NO___
Taste Problems	YES___	NO___	YES___	NO___	YES___	NO___

c. If odor or taste problems are reported please elaborate: _____

_____

_____

D. Are surface or subsurface, (leachate), drainage areas from site apparent? YES___ NO X. If yes:

1. Were unusual odors or stains noted? YES___ NO___
2. Was stressed vegetation noted? YES___ NO___

E. Are streams or receiving waters adjacent to site? YES X NO___
If yes, list observations: (i.e. - change in benthic community, change in plant density/diversity, change in color, siltation, etc.). _____

Nanticoke River flows within two hundred yards of the site.

_____

_____

F. Site topography: (i.e. - plateau, strip mine ravines, etc.). _____

Flat

G. Other observations: (i.e. - erosion, located in flood plain, etc.). _____

Close to, if not on the Nanticoke River flood plain

_____

EXHIBIT 3

FIELD TRIP SUMMARY REPORT TDD Number _____ Page 3

V. Were photographs taken? YES ___ NO X
If yes: Who has custody of photographs?

Name: _____

Agency: _____

Phone No.: _____

VI. Is a hydrogeological survey for this site attached? YES ___ NO X
If no, Section III D of EPA Form T2070-2 must be completed.

VII. Please attach pertinent copies of reports or data reviewed by inspector: (i.e. - State monitoring data, consultant reports, etc.).

VIII. Name of Inspector: Andrew Bullen

Agency: Delaware DNREC, Solid Waste Branch

Phone No.: 302-736-4781

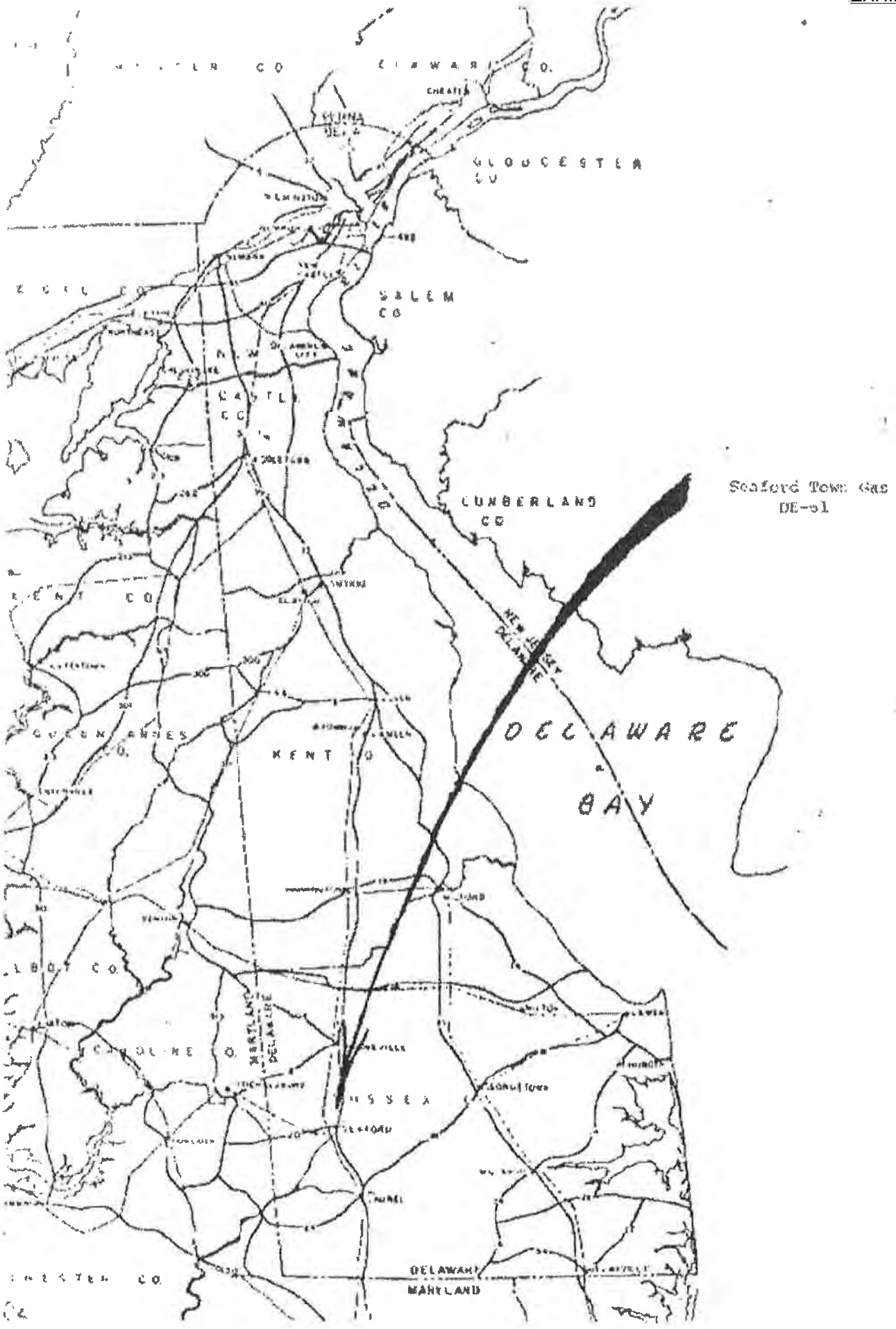
Time on Site: 2:00 - 3:00 p.m. 2/29/84

Weather Conditions: 30°F windy, partly cloudy

EXHIBIT 3

VI. Maps and Drawings

EXHIBIT 3


GLOUCESTER CO
SALEM CO
CUMBERLAND CO
KENT CO
DELAWARE BAY
SUSSEX
DELAWARE
MARYLAND
Seaford Town Gas
DE-51

APPENDIX B

TetraTech's February 2015 Facility Evaluation Report

EXHIBIT 3

TETRA TECH

Facility Evaluation Report

Seaford Town Gas Site (DE-0061)

FINAL

Prepared For

Department of Natural Resources & Environmental Control
Division of Waste & Hazardous Substances
Site Investigation & Restoration Section
391 Lukens Drive
New Castle, DE 19720

February 2015

Facility Evaluation Report

Seaford Town Gas Site (DE-0061)
Tetra Tech Project No. 103S257406

REPRESENTATIONS

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information, which is in the public domain. The conclusions and recommendations herein are based solely on the information Tetra Tech obtained in compiling the report. Documentation for the statements made in the report is on file at Tetra Tech's Newark, Delaware office. Tetra Tech makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Because the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards, which could possibly cause accidents, injuries or damage. Compliance with submitted recommendations or suggestions doe1 not assure elimination of hazards or the fulfillment of clients' obligations under local, state or federal laws or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature, but shall be a representation of findings of fact from records examined.

Prepared by:

Jacob Costello
Environmental Scientist

Reviewed by:

David Kane, P.G. DE #S0001248
Project Manger

PRESENTED TO

Department of Natural Resources & Environmental Control
391 Lukens Drive
New Castle, DE 19720

PRESENTED BY

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F +1-302-454-5988
www.tetratech.com

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Figures

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Appendices

1.0 INTRODUCTION

This Facility Evaluation report has been prepared by Tetra Tech, Inc. (Tetra Tech) for the Delaware Department of Natural Resources and Environmental Control (DNREC) Site Investigation and Restoration Section (SIRS) for the investigation of the Seaford Town Gas site located in Seaford, Delaware. The report provides an evaluation of environmental conditions at the site, and recommendations as to whether further investigation is required.

The Scope of Work (SOW) involved the following tasks:

- Project planning and coordination.
- Preparation of a work plan for proposed field activities.
- Implementation of the proposed field related activities.
- Data evaluation.
- Preparation of a report documenting the findings of the field activities, including recommendations for additional work, if required.

2.0 BACKGROUND

The Seaford Town Gas Site (DE-0061; Tax ID #5-31-13.00-0006.00) in Seaford, Delaware 19973, is located on Shipley Street at coordinates 38.63589°, -75.61965° (**Figure 1**). The site was also identified as the "Sussex Gas Company" and is referred to in previous DNREC investigations as a "former coal gas plant". The Environmental Protection Agency (EPA) inspected the site in May 1985 and made a determination that no further action was necessary. This determination was based upon information provided by employees of Chesapeake Utilities—that no waste was disposed of on-site and that the generated waste/byproduct was sold to roofers. No other known environmental investigation related activities have been documented for the site.

The site was historically used for coal gas plant operations, and is currently a storage and staging area for trucks and equipment for Chesapeake Utilities. The site is approximately 0.9 acre in size and consists of an existing shed and a fenced gravel parking lot. (**Figure 2**). The area immediately adjacent to the site consists of commercial businesses to the north, east, and west, and railroad tracks to the south.

The Seaford Town Gas site lies within the Atlantic Coastal Plain Physiographic Province consisting of Holocene sediments of the Columbia Group. Site soils are mapped entirely as Henlopen-Rosedale-Urban land complex. This type of soil consists of sandy eolian deposits and loamy fluviomarine sediments, and is somewhat excessively drained to well drained with a water table typically 42 to greater than 80 inches

below the surface. Site soils beneath the shallow fill materials encountered were consistent with the descriptions for these soil series (NRCS Web Soil Survey, USDA).

The nearest surface water body to the site is the Nanticoke River, which is located approximately 0.15 mile southeast of the site.

A Preliminary Assessment (PA) was conducted in March 1984 under the DNREC Superfund (Pre-Remedial) Program. Based upon the findings of the PA, no further action was recommended under CERCLA at that time. No work has been conducted at the site since then. A copy of the PA report dated March 1984 is provided in **Appendix A**.

3.0 SUMMARY OF FIELD ACTIVITIES

For this investigation, Tetra Tech conducted soil boring and monitoring well installation and sampling activities. Field activities were conducted in accordance with DNREC-SIRS Standard Operating Procedures for soil and groundwater sampling during the investigation process.

3.1 Preliminary Site Visit

Prior to the field investigation, Tetra Tech met with Chesapeake Utilities (Site Owner) on-site on October 7, 2014, to walk the property and to identify areas of investigation and areas of potential concern. During the walk-through, Tetra Tech and Chesapeake personnel discussed the objectives of the facility evaluation and selected soil boring locations and locations for groundwater sampling. The sampling locations were further refined using a close-up aerial image and confirmed with DNREC before finalizing. Based upon the presence of subsurface utilities and the possible presence of coal gas-related structures (e.g., gasholder) a geophysical survey was warranted.

3.2 Geophysical Survey

Tetra Tech contracted with Advanced Geological Services (AGS) of Malvern, PA to conduct a geophysical survey of the site. The geophysical survey was conducted on October 17, 2014. AGS used the electromagnetic (EM) method to determine the lateral extent of site utilities and any underground anomalies or structures. The EM survey was conducted with an EM31 instrument by Geonics, Inc. and a Trimble ProXRS Global Positioning System (GPS). The EM data was subjected to a Kriging contour process, and the data was presented as annotated color contour maps of the survey area. The geophysical survey highlighted anomalies that suggested the presence of utilities, fill, debris and subsurface structural features. The AGS report is attached as **Appendix B**.

3.3 Soil Borings

Tetra Tech contracted Vironex to provide a Delaware-licensed well driller and a truck-mounted Geoprobe drill rig to advance soil borings, collect soil samples, and install and develop monitoring wells. The drilling and well installation was conducted between November 19 and 20, 2014. A total of eleven soil borings were advanced and four monitoring wells installed at the site. The boring and well locations are depicted on **Figure 3**.

The work plan called for each boring to be advanced to approximately 20 feet below ground surface (bgs). However, borings where monitoring wells were installed were advanced from 23 to 25 feet bgs in order to accommodate installation of a 10-foot screen in the saturated zone. In addition, three of the borings (SB-9, SB-10, and SB-11) were only advanced to 15 feet bgs because groundwater was not encountered and no apparent contamination detected (staining, odors or elevated PID readings). Continuous soil samples were collected in disposable acetate sleeves at each location.

Soil samples were collected and submitted to the DNREC screening laboratory for analysis for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, PCBs and total metals from each of the eleven boring locations. The soil samples were collected from either areas of elevated organic vapor concentrations determined by the PID, areas observed to have soil staining/discoloration based on field observations, or at the water table interface, typically observed from about 14 to 18 feet bgs in each of the borings. The shallow samples were identified with the letter "S" (i.e., SS-01), and the deep samples were identified with a letter "D" (i.e. SD-01) at each of the boring locations. Each soil boring was logged in the field; boring logs are provided as **Appendix C**. Photographs of the soil cores are also included in Appendix C. A chain-of-custody was maintained at all times for the samples. All of the samples were stored on ice after collection and up to their receipt at the DNREC laboratory.

Additionally, quality assurance/quality control (QA/QC) samples were collected and included a Matrix Spike/Matrix Spike Duplicate (MS/MSD) collected at location SD-03, and a field duplicate sample collected at location SS-05, designated as SS-13. Soil sampling was conducted according to DNREC sampling protocols and Tetra Tech standard operating procedures.

Based upon the screening results, DNREC and Tetra Tech selected twelve samples (eleven plus one duplicate) for fixed laboratory analysis. The criteria for selection of the fixed laboratory samples was based upon the goal of obtaining a representative geographical distribution of the samples as well as focusing on samples with the most elevated screening results. The soil samples were submitted by DNREC to TestAmerica Laboratories Inc. for analysis of VOCs, SVOCs and total metals; the results are included in **Tables 2, 3, and 4** and the findings discussed in Section 4.0.

3.4 Well Installation and Groundwater Sampling

Well permits were obtained from the DNREC Water Supply Section in advance of the start of field activities. Wells were GPS located at the soil boring locations that were surveyed by AGS on October 17, 2014, and the well details are provided in **Table 1**. Permanent flush-mount wells were installed by the Geoprobe contractor at four boring locations on November 19 and 20, 2014; well permits are provided in **Appendix D**. The wells were constructed of 1-inch diameter polyvinyl chloride (PVC), with pre-packed 10-slot (0.010) PVC screen installed to a depths of 23 to 25 feet bgs. After installation, the wells were purged on November 21, 2014, using a peristaltic pump with dedicated high density polyethylene (HDPE) sample tubing. The purging process was continued until the purge water was observed to be relatively clear of fine sediment and water quality parameters (temperature, pH, conductivity) were stable (within 10%) as noted on the YSI instrument. All purge water was discharged to a bucket and transferred to a 55-gallon drum for containment and staged on site pending analytical results. A table of well construction information is provided as **Table 1**. The low flow sampling logs are provided in **Appendix E**.

Water levels were measured at each well prior to conducting groundwater sampling. A summary of the water table elevation are provided in **Table 1**. A groundwater contour plan was compiled based on these water table elevations and is presented as **Figure 4**. The contour plan indicates that the apparent groundwater flow is to the southeast toward the Nanticoke River with an approximate flow gradient ranging from 0.01 to 0.017 ft./ft. It should be noted that the gradient and flow contours are based upon a limited number of points (four).

Groundwater samples were collected from each of the four installed wells on November 21, 2014, at boring locations SB-03 (MW-03), SB-05 (MW-02), SB-07 (MW-01), and SB-08 (MW-04). The groundwater samples were identified with the letters "MW" (i.e., MW-01). Quality assurance/quality control (QA/QC) samples included a Matrix Spike/Matrix Spike Duplicate (MS/MSD) collected from MW-04, and a field duplicate sample collected from MW-02 (designated as MW-05). Groundwater sampling was conducted according to DNREC sampling protocols and Tetra Tech Standard Operating Procedures. The four groundwater samples were submitted to TestAmerica Laboratories for TCL VOCs, TCL SVOCs, pesticides, PCBs, total cyanide and total/dissolved metals analyses; the results are summarized in **Tables 5 - 10** and discussed in the following section.

4.0 FINDINGS

4.1 Field Observations

Tetra Tech installed eleven soil borings to a maximum depth of 25 feet bgs throughout the Seaford Town Gas Property. Site soils were generally sandy with gravel content increasing with depth. Some soil staining was observed within the fenced portion of the site but was not observed in soils outside of the fenced area.

The typical soil columns encountered in the borings within the fenced portion of the study area (SB01 through SB07) were as follows:

0 to 4.5 ft.	Brown medium-coarse sand with trace silt and few gravel. Slight tar-like odor observed at one location (SB01).
4.5 to 11 ft.	Variegated brown silty fine-medium sand with few clay plugs. Gray mottles, black tar-like stains between 6 to 8 feet bgs at several locations.
11 to 20 ft.	Stratified layers of reddish-brown and light gray medium-coarse sand with few rounded gravel.

The typical soil columns encountered in the borings in the grassy field portion of the study area (SB08 through SB11) were as follows:

0 to 1 ft.	Topsoil - black fine-medium sand with trace silt and few gravel. Organic.
1 to 5 ft.	Light brown medium-coarse sand with trace silt and few small gravel.
5 to 8 ft.	Brown with gray mottles medium-coarse sand with some silt and trace clay.
8 to 11 ft.	Variegated gray with reddish-brown mottles fine sandy clay with some silt and few small gravel.
11 to 15 ft.	Variegated gray and reddish-brown medium-coarse sand with few round gravel.

The water table was encountered at approximately 14 to 18 feet bgs across the entire study area. The water elevations across the site wells are nearly identical resulting in an almost flat hydraulic gradient. However, given the proximity to the Nanticoke River it is presumed that groundwater flow is to the south across the railroad tracks and into the river. Detailed soil boring logs and soil core photographs are provided as **Appendix C**.

4.2 Soil Analytical Results

4.2.1 DNREC Screening Lab Results

The results of the DNREC screening laboratory analyses indicated the presence of elevated levels of polycyclic aromatic hydrocarbons (PAHs), diesel-range organics (DRO) and a broad array of tentatively identified compounds (TICs) in the soil borings contained within the fenced portion of the site (SB-01 through SB-07). A summary of the soil screening results has been tabulated and is presented in **Appendix F**.

4.2.2 Fixed Laboratory Analysis

Based upon the screening results, twelve soil samples were subsequently submitted to TestAmerica for fixed laboratory analysis for VOCs, SVOCs and TCL metals. The soil samples submitted to the laboratory were collected from boring locations SB-01 (SS-01, SD-01), SB-02 (SS-02, SD-02), SB-03 (SS-03, SD-03), SB-05 (SS-05, SD-05), SB-07 (SS-07, SD-07), and SB-8 (SS-08, SD-08). The soil boring locations are depicted on **Figure 3**.

A summary of the soil analytical results has been tabulated and is presented in **Tables 2-4**. A copy of the analytical data package for the soil samples is included on a CD-ROM provided as **Appendix G**.

The results of the fixed laboratory analysis indicate the following.

Volatile Organic Compounds

Six VOCs were detected in the soil samples at concentrations greater than their Method Detection Limits (MDLs). These include benzene, ethylbenzene, isopropylbenzene, styrene, toluene and total xylenes. These VOCs were detected in soil borings SB-02 and SB-03 (and the duplicate from SB-02 identified as SB-05). A summary of the soil analytical results for VOCs is presented as **Table 2.**

Benzene and total xylenes were the only VOCs detected in soil samples at concentrations greater than the DNREC-SIRS Screening Levels (SLs). These exceedances were detected in soil boring SB-02. At this location ethylbenzene was detected in the deep soil boring at a concentration of 28 mg/kg, which exceeds the SL of 5.8 mg/kg. Total xylenes were also detected in the deep soil boring from SB-02 at a concentration of 73 mg/kg, which exceeds the SL of 58 mg/kg.

A number of TICs were quantified in sample SD-02, including several naphthalene isomers.

Semi-Volatile Organic Compounds

A number of SVOCs were detected in the soil samples at concentrations greater than their MDLs; these include the following:

- 1,1'-Biphenyl
- 2-Chlorophenol
- 2-Methylnaphthalene
- Acenapthylene
- Acetophenone
- Anthracene
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perlyene
- Dibenzo(k)fluoranthene
- Chrysene
- Carbazole
- Dibenz(a,h)anthracene
- Fluoranthene
- Fluorene
- Dibenzofuran
- Indeno(1,2,3-cd)pyrene
- Naphthalene
- Phenanthrene
- Pyrene

The majority of the positive detects for SVOCs are classified as PAHs, which are typically found in soils at former coal gas sites. The SVOCs/PAHs were detected in both the shallow and deep samples; however, the shallow samples demonstrated a broader array of constituents with generally higher concentrations (generally 1 to 2 orders of magnitude difference).

Similar to the soil VOC data, a broad array of TICs were detected in a number of samples with naphthalene and phenanthrene isomers dominating the mix.

The following SVOCs were detected at concentrations exceeding the DNREC SL for soils:

- 1,1'-Biphenyl
- 2-methylnaphthalene
- Benzo(a)anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(k)fluoranthene
- Dibenzo(a, h)anthracene
- Indeno(1,2,3-cd)pyrene
- Naphthalene

The exceedances were primarily detected in samples collected from soil borings SB-02 and SB-03, which are located in the southwest corner of the property. The deep sample from SB-02 exhibited higher levels of SVOCs, while the shallow sample from SB-03 exhibited higher levels of SVOCs. A summary of the soil analytical results for SVCOs is presented as **Table 3.**

Metals

A variety of metals were detected in the soil samples at concentrations greater than their MDLs. These include aluminum, arsenic, calcium, chromium, copper, iron, lead, manganese, vanadium, zinc, and mercury. None of the exceedances for the metals exceed the DNREC SL except for mercury, which was detected in SB-05 (the duplicate sample from SB-02). At that location mercury was detected at a concentration of 5.3 mg/kg, which exceeds the SL of 0.94 mg/kg. A summary of the soil analytical results for metals is presented as **Table 4.**

The most frequently detected metals and range of concentrations include the following:

- *Aluminum* – detected in 12 of 13 soil samples with concentrations ranging from 688 to 12,300 mg/kg. All of the concentrations were less than the DNREC SL of 51,200 mg/kg.
- *Barium* – detected in all 13 soil samples with concentrations ranging from 2.9 to 31.4 mg/kg. All of the concentrations were less than the DNREC SL of 15,000 mg/kg.
- *Chromium (total)* – detected in all 13 soil samples with concentrations ranging from 1.8 to 12.3 mg/kg. All of the concentrations were less than the DNREC SL of 214 mg/kg.
- *Iron* – detected in all 13 samples with concentrations ranging from 506 to 20,100 mg/kg. All of the concentrations were less than the DNREC SL of 74,767 mg/kg.
- *Lead* – detected in 12 of 13 soil samples from both the shallow and deep with concentrations ranging from 1.4 to 40.5 mg/kg. All of the concentrations were less than the DNREC SL of 400 mg/kg.
- *Manganese* – detected in all 13 soil samples with concentrations ranging from 1.1 to 83.1 mg/kg. All of the concentrations were less than the DNREC SL of 2,100 mg/kg.
- *Vanadium* – detected in all 13 soil samples with concentrations ranging from 0.93 to 27.6 mg/kg. All of the concentrations were less than the DNREC SL of 390 mg/kg.
- *Mercury* – detected in 5 soil samples with concentrations ranging from 0.015 to 5.3 mg/kg. All of the concentrations were less than the DNREC SL of 0.94 mg/kg except for the shallow soil sample SS-05 collected from the 0 to 4 feet bgs.interval at SB-05, in which mercury was detected at 5.3 mg/kg.

4.3 Groundwater Analytical Results

Four groundwater samples and one duplicate sample were submitted to TestAmerica for fixed laboratory analysis for VOCs, SVOCs, pesticides, polychlorinated biphenyls (PCBs), total cyanide and total/dissolved metals. Additionally, the QA/QC samples collected included a Matrix Spike/Matrix Spike Duplicate (MS/MSD) collected at boring location SB-08 (MW-04); and a field duplicate sample collected at boring location SB-05 (MW-02), designated as MW-05. The boring/temporary well point locations are depicted on **Figure 3**.

A summary of the groundwater analytical results are tabulated and presented in **Tables 5-10**. A copy of the analytical data package for the groundwater samples is included on a CD-ROM provided as **Appendix F**.

The results of the fixed laboratory analysis indicate the following:

Volatile Organic Compounds

Six VOCs were detected in the groundwater samples collected during this investigation at concentrations greater than the laboratory MDL; these include benzene, ethylbenzene, isopropylbenzene, styrene, toluene and total xylenes. Benzene, ethylbenzene and total xylenes were detected at concentrations greater than their respective SL (0.45, 1.5, and 19 ug/L) in samples collected from wells MW-02 and MW-03. Benzene was detected at a concentration of 9.1 ug/L at MW-02 and 27 ug/L at MW-03. Ethylbenzene was detected at a concentration of 6 ug/L at MW-02 and 30 ug/L at MW-03. Total xylenes were detected at a concentration of 46 ug/L at MW-02 and 180 ug/L at MW-03.

In addition, a number of TICs were quantified in the samples from MW-02 and MW-03 including several benzene and naphthalene isomers.

Semi-Volatile Organic Compounds

SVOCs were detected in two of the four samples collected from monitoring wells installed during this investigation. Eleven SVOCs were detected in the groundwater samples at concentrations greater than the laboratory MDLs. These include:

- 1,1'-Biphenyl
- 2-Methylnaphthalene
- Acenapthene
- Acenapthylene
- Acetophenone
- Anthracene
- Benzo(a)pyrene
- Fluorene
- Naphthalene
- Phenanthrene
- Pyrene

Six of the eleven SVOCs were detected at concentrations exceeding DNREC SL for groundwater. These include the following:

- *1,1'-Biphenyl* – The SL of 0.083 ug/L was exceeded at MW-02 (6.3 ug/L) and MW-03 (22 ug/L).
- *2-Methylnapthalene* – The SL of 3.6 ug/L was exceeded at MW-02 (51 ug/L along with the duplicate sample at this location at 47 ug/L) and at MW-03 (150 ug/L).
- *Benzo(a)pyrene* – The SL of 0.0034 ug/L was exceeded at MW-03 (0.84 ug/L).
- *Fluorene* – The SL of 29 ug/L was exceeded at MW-03 (40 ug/L). Lower level detections of fluorene were exhibited at MW-02 (and its duplicate).
- *Naphthalene* – The SL of 0.17 ug/L was exceeded at MW-02 (280 ug/L along with the duplicate sample at this location at 310 ug/L) and at MW-03 (880 ug/L).
- *Phenanthrene* – The SL of 12 ug/L was exceeded at MW-02 (27 ug/L along with the duplicate sample at this location at 25 ug/L) and at MW-03 (47 ug/L).

The majority of the positive detects and SL exceedances for SVOCs are classified as PAHs, which are typically detected in groundwater at former coal gas sites.

Similar to the VOC data, a broad array of TICs were detected in the samples from MW-2 and MW-3 with benzene, indene, and naphthalene isomers dominating the mix.

Pesticides and PCBs

The groundwater samples were analyzed for pesticides and polychlorinated biphenyls (PCBs) by EPA Methods 8081 and 8082, respectively. No pesticides or aroclors were detected greater than their laboratory MDLs in any of the groundwater samples.

Total Metals

Thirteen metals were detected in the unfiltered groundwater samples collected during this investigation at concentrations greater than the laboratory MDL. These include the following:

- Aluminum
- Barium
- Calcium
- Chromium
- Cobalt
- Iron
- Magnesium
- Manganese
- Nickel
- Potassium
- Sodium
- Zinc
- Mercury

Total iron, manganese, and mercury were detected at concentrations greater than the DNREC SL.

- *Iron* – The SL of 1,400 ug/L was exceeded in all four groundwater samples with concentrations ranging from 7,930 ug/L at MW-02 to 22,000 ug/L at MW-03.
- *Manganese* – The SL of 43 ug/L was exceeded in all four groundwater samples with concentrations ranging from 68.8 ug/L at MW-02 to 591 ug/L at MW-03.
- *Mercury* – The SL of 0.063 ug/L was exceeded in two of the four groundwater samples with concentrations ranging from 0.2 to 0.3 ug/L at wells MW-01 and MW-03, respectively.

Dissolved Metals

Thirteen metals were detected in the filtered groundwater samples collected during this investigation at concentrations greater than the laboratory MDL. These include the following:

- Aluminum
- Barium
- Calcium
- Chromium
- Cobalt
- Iron
- Magnesium
- Manganese
- Nickel
- Potassium

- Sodium
- Zinc
- Mercury

Dissolved cobalt, iron, manganese, and mercury were detected at concentrations greater than their DNREC SLs.

- *Cobalt* – The SL of 0.6 ug/L was exceeded in the groundwater sample collected from MW-04 where it was detected at a concentration of 4.1 ug/L.
- *Iron* – The SL of 1,400 ug/L was exceeded in all four groundwater samples with concentrations ranging from 8,320 ug/L at MW-02 to 20,900 ug/L at MW-04.
- *Manganese* – The SL of 43 ug/L was exceeded in all four groundwater samples with concentrations ranging from 65.2 ug/L at MW-02 to 512 ug/L at MW-03.
- *Mercury* – The SL of 0.063 ug/L was exceeded in the groundwater sample collected from MW-03 where it was detected at a concentration of 0.20 ug/L.

Total Cyanide

All four groundwater samples were also analyzed for total cyanide by EPA Method 335.4. Cyanide is a compound typically identified in soil and groundwater at former coal gas sites. The analytical results indicate that total cyanide was not detected at a concentration greater than the MDL in three of the four samples. Total cyanide was detected in the sample collected from MW-3 at a concentration of 0.023 ug/L. However, this concentration is less than the DNREC SL of 0.15 ug/L. It should also be noted that this sample was flagged as "B" by the laboratory, indicating that the contaminant was also found in the laboratory blank sample.

5.0 FINDINGS AND CONCLUSIONS

Tetra Tech performed an evaluation of the Seaford Town Gas Site (DE-0061) located in Seaford, Delaware. Based on the data collected during the FE, the following findings and conclusions are offered:

- Nine SVOCs were detected at concentrations greater than their respective DNREC Screening Level (SL) in seven of the twelve soil samples (includes one QA/QC duplicate sample). The exceedances were primarily associated with samples collected from borings installed within the fenced in portion of the property (SB-01, SB-02, and SB-03).
- SVOCs (primarily PAHs) were detected in both shallow and deep soil samples for borings outside the fenced area; however, the detections were all less than the DNREC SL.

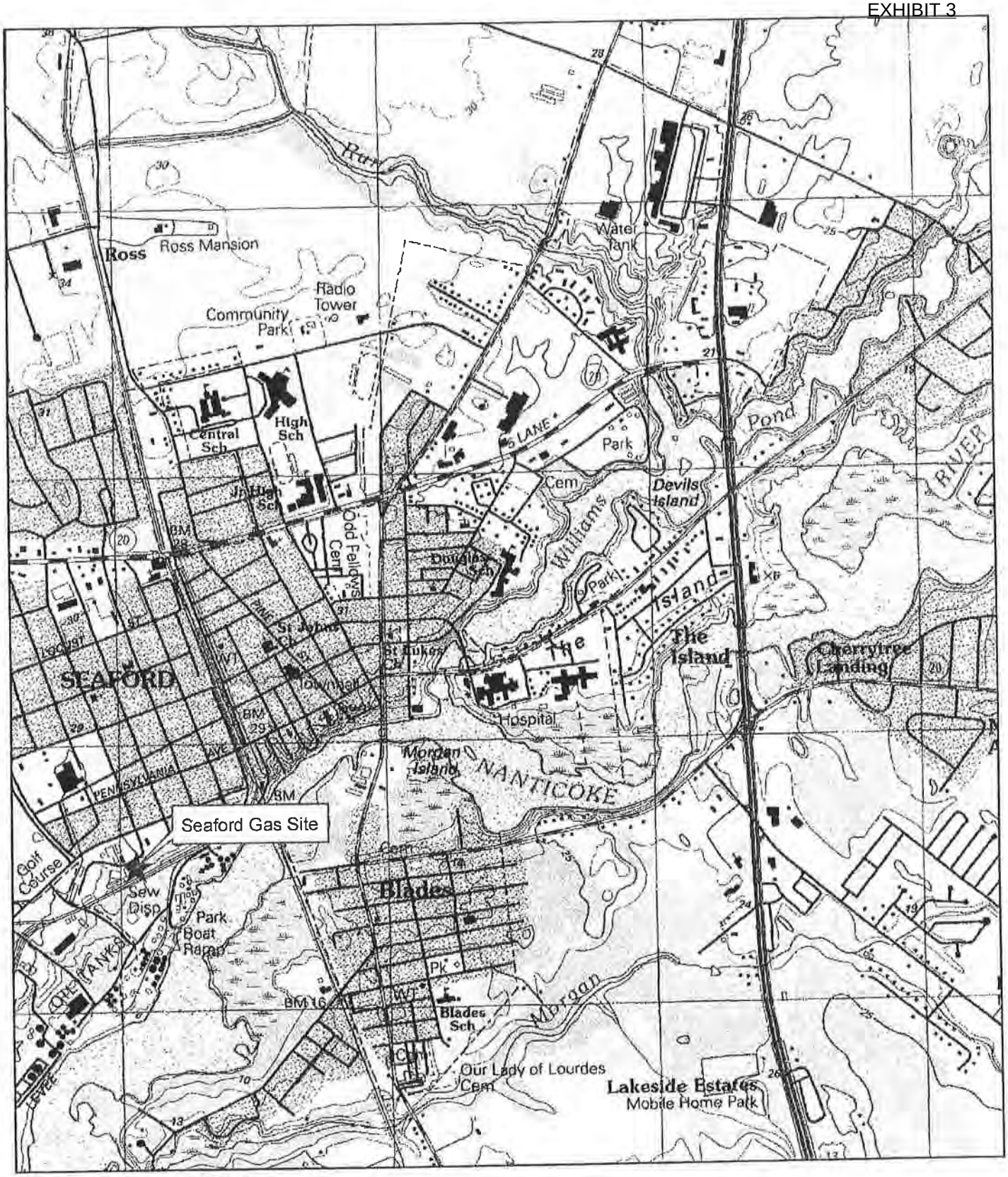
- A number of SVOCs (primarily PAHs) were detected in groundwater at concentrations exceeding the DNREC SL.
- Benzene, ethylbenzene and total xylenes were detected in groundwater at concentrations exceeding the DNREC SL in the samples collected from MW-02 (and in its duplicate MW-05) and MW-03.
- The groundwater exceedances were primarily associated with the wells installed on the west (fenced) portion of the site.
- A broad array of metals were detected in both the shallow and deep soil samples, which are probably an artifact of the site's historic industrial/commercial usage. However, the detected concentrations of metals are less than the DNREC SL for metals in soil with the exception of mercury detected in the shallow soil duplicate sample from SB-02.
- Iron and manganese were detected in all of the groundwater samples at concentrations exceeding the DNREC SL.
- Mercury was detected at MW-01 and MW-03 at concentrations greater than the DNREC SL, and cobalt was detected from the dissolved sample analyzed from MW-04.
- The analytical results for pesticides, PCBs and cyanide were all either less than the laboratory MDL, or where positively detected, less than the respective DNREC SL.

Based on the findings of the Facility Evaluation, the following conclusions are offered:

- The contaminants of potential concern (COPC) at the site are SVOCs in soil, VOCs and SVOCs in groundwater, and mercury in groundwater.
- Shallow groundwater at the site is impacted by low levels of metals above their respective DNREC Screening Levels. The presence of aluminum, arsenic, chromium, cobalt, iron, manganese, and vanadium suggest an anthropogenic source of contamination. The aluminum and manganese concentrations may be attributable to background water quality conditions. These too may be attributable to historical site activities presumably associated with historic coal gas-related activities.
- Based on the findings of the field investigation, Tetra Tech recommends further investigation be conducted at the site to delineate the extent of soil and groundwater impact associated with historic site operations.

FIGURES

EXHIBIT 3



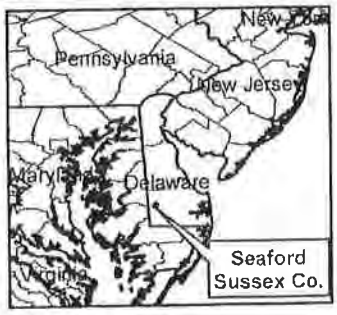


Figure 1
Site Location Map
Seaford Gas Site
Seaford, Sussex Co., DE

Tetra Tech
240 Continental Drive, Suite 200
Newark, DE 19713
Phone: (302) 738-7551
Toll Free: (800) 462-0910
www.tetratech.com

S:\03-Projects\State & Local\DE-CNR\EC1033\2T406 - Seaford Gas\3. Working Files\Figures\Figure 2 - Site Layout Map.mxd

Legend

- Approximate Historical Structure Locations
- Property Boundary

N
W E
S

Figure 2
Site Layout Map
Seaford Gas Site
Seaford, Sussex Co., DE

0 20 40 80 Feet

1 inch = 40 feet

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EXHIBIT 3

S:\03-Projects\State & Local\DE-DNREC\108528\7405 - Seaford Gas\3. Working Files\Figures\Figure 3 - Boring Locations.mxd

Legend

- Soil Boring
- Soil Boring Converted to Well
- Approximate Historical Structure Locations
- Property Boundary

N
W E
S

Figure 3
Boring Locations Map
Seaford Gas Site
Seaford, Sussex Co., DE

0 20 40 80 Feet

1 inch = 40 feet

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S:\03-Projects\Static & Local\DE-DNREC\103S257485 - Seaford Gas\3. Working Files\Figures\Figure 3 - Boring Locations.mxd

Legend

- GW Flow Direction (inferred)
- Soil Boring
- Soil Boring Converted to Well
- Approximate Historical Structure Locations
- Property Boundary
- Limit of Fenced Area
- GW Elevation Contour Line (dash where inferred) - Ft. MSL

N
W E
S

Figure 4
Groundwater Contour Plan
Seaford Gas Site
Seaford, Sussex Co., DE

0 20 40 80 Feet

1 inch = 40 feet

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TABLES

SEAFORD, DE

Well Permit #	Easting	Northing	Date Installed	Well Diameter	Well Construction	Total Depth (Ft. Bgs)	Screened Interval (Ft. Bgs)	Casing Stick-up	Depth to Water (Ft. Bgs)	Ground Surface Elevation (Ft. MSL)	G E
249004	182338.0488	70600.4511	11/19/2014	1"	Prepack unit	23	13-23	Flush	15.55	20	
249004	182308.0398	70598.9133	11/19/2014	1"	Prepack unit	25	15-25	Flush	15.50	21	
249004	182304.5901	70577.4249	11/20/2014	1"	Prepack unit	24.5	14.5-24.5	Flush	15.90	21	
249004	182342.8286	70622.3136	11/20/2014	1"	Prepack unit	25	15-25	Flush	15.63	21	

elow ground surface

ıove Mean Sea Level

: elevations are approximate, based upon review of Delaware DataMil

EXHIBIT 3

11/21/2014 14:30:00			11/19/2014 16:00:00			11/20/2014 11:00:00			11/19/2014 08:50:00			11/19/2014 09:10:00			11/19/2014 09:50		
Soil			Soil			Soil			Soil			Soil					
50			50			50			50			50					
mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/		
Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	M
0.0078	U	0.0078	0.0062	U	0.0062	0.0082	U	0.0082	0.0089	U	0.0089	0.0087	U	0.0087	0.0055	U	0.00
0.020	U	0.020	0.016	U	0.016	0.021	U	0.021	0.022	U	0.022	0.022	U	0.022	0.014	U	0.0
0.010	U	0.010	0.0082	U	0.0082	0.011	U	0.011	0.012	U	0.012	0.011	U	0.011	0.0072	U	0.00
0.023	U	0.023	0.019	U	0.019	0.025	U	0.025	0.027	U	0.027	0.026	U	0.026	0.017	U	0.0
0.016	U	0.016	0.013	U	0.013	0.017	U	0.017	0.019	U	0.019	0.018	U	0.018	0.011	U	0.0
0.011	U	0.011	0.0088	U	0.0088	0.012	U	0.012	0.013	U	0.013	0.012	U	0.012	0.0078	U	0.00
0.043	U	0.043	0.034	U	0.034	0.045	U	0.045	0.049	U	0.049	0.048	U	0.048	0.030	U	0.0
0.050	U	0.050	0.040	U	0.040	0.053	U	0.053	0.057	U	0.057	0.056	U	0.056	0.035	U	0.0
0.034	U	0.034	0.027	U	0.027	0.036	U	0.036	0.039	U	0.039	0.038	U	0.038	0.024	U	0.0
0.026	U	0.026	0.020	U	0.020	0.027	U	0.027	0.029	U	0.029	0.029	U	0.029	0.018	U	0.0
0.024	U	0.024	0.019	U	0.019	0.025	U	0.025	0.027	U	0.027	0.026	U	0.026	0.017	U	0.0
0.011	U	0.011	0.0086	U	0.0086	0.011	U	0.011	0.012	U	0.012	0.012	U	0.012	0.0076	U	0.00
0.017	U	0.017	0.014	U	0.014	0.018	U	0.018	0.019	U	0.019	0.019	U	0.019	0.012	U	0.0
0.029	U	0.029	0.023	U	0.023	0.031	U	0.031	0.033	U	0.033	0.032	U	0.032	0.021	U	0.0
0.29	U	0.29	0.23	U	0.23	0.31	U	0.31	0.33	U	0.33	0.32	U	0.32	0.20	U	0
0.062	U	0.062	0.050	U	0.050	0.066	U	0.066	0.071	U	0.071	0.070	U	0.070	0.044	U	0.0
0.12	U	0.12	0.099	U	0.099	0.13	U	0.13	0.14	U	0.14	0.14	U	0.14	0.087	U	0.0
0.33	U	0.33	0.27	U	0.27	0.35	U	0.35	0.38	U	0.38	0.37	U	0.37	0.24	U	0
0.010	U	0.010	0.0082	U	0.0082	0.011	U	0.011	0.19		0.012	0.024	J	0.012	0.0073	U	0.00
0.024	U	0.024	0.019	U	0.019	0.025	U	0.025	0.027	U	0.027	0.027	U	0.027	0.017	U	0.0
0.023	U	0.023	0.018	U	0.018	0.024	U	0.024	0.026	U	0.026	0.025	U	0.025	0.016	U	0.0
0.016	U	0.016	0.013	U	0.013	0.017	U	0.017	0.018	U	0.018	0.018	U	0.018	0.011	U	0.0
0.0071	U	0.0071	0.0057	U	0.0057	0.0075	U	0.0075	0.0081	U	0.0081	0.008	U	0.008	0.005	U	0.0
0.014	U	0.014	0.011	U	0.011	0.015	U	0.015	0.016	U	0.016	0.015	U	0.015	0.0097	U	0.00
0.025	U	0.025	0.020	U	0.020	0.026	U	0.026	0.028	U	0.028	0.028	U	0.028	0.018	U	0.0
0.021	U	0.021	0.017	U	0.017	0.022	U	0.022	0.024	U	0.024	0.024	U	0.024	0.015	U	0.0
0.0098	U	0.0098	0.0078	U	0.0078	0.010	U	0.010	0.011	U	0.011	0.011	U	0.011	0.0069	U	0.00
0.012	U	0.012	0.0097	U	0.0097	0.013	U	0.013	0.014	U	0.014	0.014	U	0.014	0.0085	U	0.00
0.022	U	0.022	0.018	U	0.018	0.023	U	0.023	0.025	U	0.025	0.025	U	0.025	0.016	U	0.0
0.023	U	0.023	0.018	U	0.018	0.024	U	0.024	0.026	U	0.026	0.026	U	0.026	0.016	U	0.0
0.020	U	0.020	0.016	U	0.016	0.021	U	0.021	0.023	U	0.023	0.022	U	0.022	0.014	U	0.0
0.016	U	0.016	0.012	U	0.012	0.016	U	0.016	0.018	U	0.018	0.017	U	0.017	0.011	U	0.0
0.027	U	0.027	0.022	U	0.022	0.028	U	0.028	0.031	U	0.031	0.030	U	0.030	0.019	U	0.0
0.012	U	0.012	0.0096	U	0.0096	0.013	U	0.013	0.026	J	0.014	1.5		0.013	0.0084	U	0.00
0.0096	U	0.0096	0.0076	U	0.0076	0.010	U	0.010	0.011	U	0.011	0.077	J	0.011	0.0068	U	0.00
0.042	U	0.042	0.034	U	0.034	0.044	U	0.044	0.048	U	0.048	0.047	U	0.047	0.030	U	0.0
0.017	U	0.017	0.014	U	0.014	0.018	U	0.018	0.020	U	0.020	0.019	U	0.019	0.012	U	0.0
0.017	U	0.017	0.014	U	0.014	0.018	U	0.018	0.019	U	0.019	0.019	U	0.019	0.012	U	0.0
0.023	U	0.023	0.018	U	0.018	0.024	U	0.024	0.026	U	0.026	0.025	U	0.025	0.016	U	0.0
0.015	U	0.015	0.012	U	0.012	0.016	U	0.016	0.13	J	0.017	0.017	U	0.017	0.010	U	0.0
0.012	U	0.012	0.0097	U	0.0097	0.013	U	0.013	0.014	U	0.014	0.014	U	0.014	0.0086	U	0.00
0.019	U	0.019	0.015	U	0.015	0.020	U	0.020	0.30		0.021	0.39		0.021	0.013	U	0.0
0.016	U	0.016	0.013	U	0.013	0.017	U	0.017	0.018	U	0.018	0.018	U	0.018	0.011	U	0.0
0.030	U	0.030	0.024	U	0.024	0.032	U	0.032	0.035	U	0.035	0.034	U	0.034	0.021	U	0.0
0.011	U	0.011	0.0092	U	0.0092	0.012	U	0.012	0.013	U	0.013	0.013	U	0.013	0.0081	U	0.0
0.018	U	0.018	0.015	U	0.015	0.019	U	0.019	0.021	U	0.021	0.020	U	0.020	0.013	U	0.0
0.018	U	0.018	0.014	U	0.014	0.019	U	0.019	0.021	U	0.021	0.020	U	0.020	0.013	U	0.0
0.045	U	0.045	0.036	U	0.036	0.047	U	0.047	0.15	J	0.051	2.2		0.050	0.032	U	0.0
0			0			0			0.796			4.191			0		
0*T			0*T			0*T			22.27			62.1			2.23		

EXHIBIT 3

Soils	11/19/2014 10:50:00			11/19/2014 11:20:00			11/19/2014 11:30:00			11/19/2014 14:00:00			11/19/2014 14:10:00			
July 2014	Soil			Soil			Soil			Soil			Soil			
	50			250			50			50			50			
mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Re
810	0.007	U	0.007	0.034	U	0.034	0.0061	U	0.0061	0.0066	U	0.0066	0.006	U	0.006	0.0
0.6	0.018	U	0.018	0.087	U	0.087	0.016	U	0.016	0.017	U	0.017	0.015	U	0.015	0.
4000	0.0092	U	0.0092	0.045	U	0.045	0.0081	U	0.0081	0.0087	U	0.0087	0.008	U	0.008	0.0
0.15	0.021	U	0.021	0.10	U	0.10	0.019	U	0.019	0.020	U	0.020	0.018	U	0.018	0.
3.6	0.015	U	0.015	0.072	U	0.072	0.013	U	0.013	0.014	U	0.014	0.013	U	0.013	0.
23	0.0099	U	0.0099	0.049	U	0.049	0.0087	U	0.0087	0.0093	U	0.0093	0.0086	U	0.0086	0.
5.8	0.038	U	0.038	0.19	U	0.19	0.034	U	0.034	0.036	U	0.036	0.033	U	0.033	0.
0.0053	0.045	U	0.045	0.22	U	0.22	0.039	U	0.039	0.042	U	0.042	0.039	U	0.039	0.
0.036	0.031	U	0.031	0.15	U	0.15	0.027	U	0.027	0.029	U	0.029	0.027	U	0.027	0.
180	0.023	U	0.023	0.11	U	0.11	0.020	U	0.020	0.022	U	0.022	0.020	U	0.020	0.
0.46	0.021	U	0.021	0.10	U	0.10	0.019	U	0.019	0.020	U	0.020	0.018	U	0.018	0.
1	0.0097	U	0.0097	0.047	U	0.047	0.0085	U	0.0085	0.0091	U	0.0091	0.0084	U	0.0084	0.
NA	0.015	U	0.015	0.075	U	0.075	0.013	U	0.013	0.014	U	0.014	0.013	U	0.013	0.
2.6	0.026	U	0.026	0.13	U	0.13	0.023	U	0.023	0.025	U	0.025	0.023	U	0.023	0.
2700	0.26	U	0.26	1.3	U	1.3	0.23	U	0.23	0.24	U	0.24	0.23	U	0.23	0
20	0.056	U	0.056	0.28	U	0.28	0.049	U	0.049	0.053	U	0.053	0.049	U	0.049	0.
530	0.11	U	0.11	0.54	U	0.54	0.097	U	0.097	0.10	U	0.10	0.096	U	0.096	0
6100	0.30	U	0.30	1.5	U	1.5	0.26	U	0.26	0.28	U	0.28	0.26	U	0.26	0
1.2	0.0093	U	0.0093	0.85		0.045	0.0081	U	0.0081	0.0087	U	0.0087	0.008	U	0.008	0.0
67	0.022	U	0.022	0.11	U	0.11	0.019	U	0.019	0.020	U	0.020	0.019	U	0.019	0.
0.68	0.020	U	0.020	0.10	U	0.10	0.018	U	0.018	0.019	U	0.019	0.018	U	0.018	0.
77	0.014	U	0.014	0.069	U	0.069	0.012	U	0.012	0.013	U	0.013	0.012	U	0.012	0.
0.65	0.0064	U	0.0064	0.031	U	0.031	0.0056	U	0.0056	0.006	U	0.006	0.0055	U	0.0055	0.0
28	0.012	U	0.012	0.061	U	0.061	0.011	U	0.011	0.012	U	0.012	0.011	U	0.011	0.
0.73	0.022	U	0.022	0.11	U	0.11	0.020	U	0.020	0.021	U	0.021	0.019	U	0.019	0.
1400	0.019	U	0.019	0.093	U	0.093	0.017	U	0.017	0.018	U	0.018	0.016	U	0.016	0.
0.32	0.0088	U	0.0088	0.043	U	0.043	0.0078	U	0.0078	0.0083	U	0.0083	0.0076	U	0.0076	0.0
11	0.011	U	0.011	0.053	U	0.053	0.0095	U	0.0095	0.010	U	0.010	0.0094	U	0.0094	0.
16	0.020	U	0.020	0.098	U	0.098	0.017	U	0.017	0.019	U	0.019	0.017	U	0.017	0.
NA	0.021	U	0.021	0.10	U	0.10	0.018	U	0.018	0.019	U	0.019	0.018	U	0.018	0.
650	0.018	U	0.018	0.087	U	0.087	0.016	U	0.016	0.017	U	0.017	0.015	U	0.015	0.
0.29	0.014	U	0.014	0.069	U	0.069	0.012	U	0.012	0.013	U	0.013	0.012	U	0.012	0.
8.7	0.024	U	0.024	0.12	U	0.12	0.021	U	0.021	0.023	U	0.023	0.021	U	0.021	0.
5.8	0.016	J	0.011	1.8		0.053	0.029	J	0.0095	0.010	U	0.010	0.0093	U	0.0093	0.
190	0.018	J	0.0086	0.17	J	0.042	0.0076	U	0.0076	0.0081	U	0.0081	0.0074	U	0.0074	0.0
7800	0.038	U	0.038	0.18	U	0.18	0.033	U	0.033	0.035	U	0.035	0.033	U	0.033	0.
47	0.015	U	0.015	0.076	U	0.076	0.014	U	0.014	0.015	U	0.015	0.013	U	0.013	0.
NA	0.015	U	0.015	0.075	U	0.075	0.013	U	0.013	0.014	U	0.014	0.013	U	0.013	0.
35	0.020	U	0.020	0.10	U	0.10	0.018	U	0.018	0.019	U	0.019	0.018	U	0.018	0.
600	0.013	U	0.013	0.55		0.065	0.012	U	0.012	0.013	U	0.013	0.012	U	0.012	0.
8.1	0.011	U	0.011	0.054	U	0.054	0.0096	U	0.0096	0.010	U	0.010	0.0094	U	0.0094	0.
490	0.017	U	0.017	1.4		0.082	0.015	U	0.015	0.016	U	0.016	0.015	U	0.015	0.
160	0.014	U	0.014	0.071	U	0.071	0.013	U	0.013	0.014	U	0.014	0.013	U	0.013	0.
NA	0.027	U	0.027	0.13	U	0.13	0.024	U	0.024	0.026	U	0.026	0.024	U	0.024	0.
0.41	0.010	U	0.010	0.051	U	0.051	0.0091	U	0.0091	0.0097	U	0.0097	0.0089	U	0.0089	0.
73	0.016	U	0.016	0.080	U	0.080	0.014	U	0.014	0.015	U	0.015	0.014	U	0.014	0.
0.059	0.016	U	0.016	0.080	U	0.080	0.014	U	0.014	0.015	U	0.015	0.014	U	0.014	0.
58	0.040	U	0.040	2.0		0.20	0.035	U	0.035	0.038	U	0.038	0.035	U	0.035	0.
NA	0.034			6.77			0.029			0			0			
NA	53.6			179.3			0*T			0.74			0*T			

EXHIBIT 3

DNREC SIRS	SG-FB1-1114			SG-FB2-1114			SG-SS03-1114			SG-SD03-1114			SG-SS02-1114		
creening Levels	460-86962-2			460-86962-3			460-86962-4			460-86962-5			460-86962-6		
Soils	11/19/2014 16:00:00			11/20/2014 11:00:00			11/19/2014 08:50:00			11/19/2014 09:10:00			11/19/2014 09:50:00		
July 2014	Soil			Soil			Soil			Soil			Soil		
	1			1			10			2			2		
mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
4.7	0.028	U	0.028	0.028	U	0.028	0.31	U	0.31	0.33	J	0.059	0.061	U	0.061
4.9	0.014	U	0.014	0.014	U	0.014	0.15	U	0.15	0.028	U	0.028	0.029	U	0.029
620	0.033	U	0.033	0.033	U	0.033	0.36	U	0.36	0.068	U	0.068	0.071	U	0.071
6.2	0.0094	U	0.0094	0.0094	U	0.0094	0.10	U	0.10	0.020	U	0.020	0.020	U	0.020
18	0.0078	U	0.0078	0.0078	U	0.0078	0.085	U	0.085	0.016	U	0.016	0.017	U	0.017
120	0.073	U	0.073	0.073	U	0.073	0.79	U	0.79	0.15	U	0.15	0.16	U	0.16
12	0.25	U	0.25	0.25	U	0.25	2.7	U	2.7	0.52	U	0.52	0.54	U	0.54
1.7	0.013	U	0.013	0.013	U	0.013	0.14	U	0.14	0.027	U	0.027	0.028	U	0.028
0.36	0.018	U	0.018	0.018	U	0.018	0.19	U	0.19	0.037	U	0.037	0.038	U	0.038
630	0.0075	U	0.0075	0.0075	U	0.0075	0.081	U	0.081	0.016	U	0.016	0.016	U	0.016
39	0.0084	U	0.0084	0.0084	U	0.0084	0.091	U	0.091	0.017	U	0.017	0.018	U	0.018
1	0.0073	U	0.0073	0.0073	U	0.0073	0.12	J	0.079	0.24	J	0.015	0.12	J	0.016
310	0.014	U	0.014	0.014	U	0.014	0.16	U	0.16	0.030	U	0.030	0.031	U	0.031
61	0.011	U	0.011	0.011	U	0.011	0.12	U	0.12	0.023	U	0.023	0.024	U	0.024
NA	0.011	U	0.011	0.011	U	0.011	0.12	U	0.12	0.023	U	0.023	0.024	U	0.024
1.2	0.037	U	0.037	0.037	U	0.037	0.40	U	0.40	0.077	U	0.077	0.080	U	0.080
NA	0.0098	U	0.0098	0.0098	U	0.0098	0.11	U	0.11	0.020	U	0.020	0.021	U	0.021
0.49	0.088	U	0.088	0.088	U	0.088	0.96	U	0.96	0.18	U	0.18	0.19	U	0.19
NA	0.010	U	0.010	0.010	U	0.010	0.11	U	0.11	0.022	U	0.022	0.023	U	0.023
620	0.014	U	0.014	0.014	U	0.014	0.15	U	0.15	0.030	U	0.030	0.031	U	0.031
2.7	0.0085	U	0.0085	0.0085	U	0.0085	0.092	U	0.092	0.018	U	0.018	0.018	U	0.018
NA	0.0099	U	0.0099	0.0099	U	0.0099	0.11	U	0.11	0.021	U	0.021	0.021	U	0.021
620	0.009	U	0.009	0.009	U	0.009	0.098	U	0.098	0.019	U	0.019	0.019	U	0.019
25	0.012	U	0.012	0.012	U	0.012	0.14	U	0.14	0.026	U	0.026	0.027	U	0.027
NA	0.16	U	0.16	0.16	U	0.16	1.7	U	1.7	0.33	U	0.33	0.34	U	0.34
270	0.008	U	0.008	0.008	U	0.008	0.087	U	0.087	0.41	J	0.017	0.060	J	0.017
NA	0.0085	U	0.0085	0.0085	U	0.0085	3.7		0.092	0.072	J	0.018	0.78		0.018
780	0.0072	U	0.0072	0.0072	U	0.0072	0.078	U	0.078	0.015	U	0.015	0.017	J	0.016
1000	0.031	U	0.031	0.031	U	0.031	1.6	J	0.34	0.83		0.065	0.26	J	0.068
2.3	0.015	U	0.015	0.015	U	0.015	0.16	U	0.16	0.031	U	0.031	0.032	U	0.032
780	0.025	U	0.025	0.025	U	0.025	0.27	U	0.27	0.052	U	0.052	0.055	U	0.055
0.9	0.028	U	0.028	0.028	U	0.028	13		0.30	1.0		0.057	0.060	U	0.060
0.09	0.010	U	0.010	0.010	U	0.010	26		0.11	0.42		0.021	1.8		0.022
0.9	0.013	U	0.013	0.013	U	0.013	21		0.14	0.68		0.027	0.75		0.028
NA	0.019	U	0.019	0.019	U	0.019	28		0.21	0.48	J	0.040	6.4		0.041
9	0.014	U	0.014	0.014	U	0.014	11		0.16	0.33		0.030	0.15		0.031
18	0.010	U	0.010	0.010	U	0.010	0.11	U	0.11	0.021	U	0.021	0.022	U	0.022
0.23	0.0078	U	0.0078	0.0078	U	0.0078	0.085	U	0.085	0.016	U	0.016	0.017	U	0.017
38	0.013	U	0.013	0.013	U	0.013	0.14	U	0.14	0.027	U	0.027	0.028	U	0.028
280	0.13	J	0.010	0.13	J	0.010	0.11	U	0.11	0.021	U	0.021	0.022	U	0.022
3100	0.024	U	0.024	0.024	U	0.024	0.26	U	0.26	0.050	U	0.050	0.051	U	0.051
NA	0.0082	U	0.0082	0.0082	U	0.0082	0.089	U	0.089	0.017	U	0.017	0.018	U	0.018
87	0.009	U	0.009	0.009	U	0.009	16		0.098	1.0		0.019	0.019	U	0.019
0.09	0.017	U	0.017	0.017	U	0.017	3.6		0.19	0.065	J	0.036	0.54		0.037
7.2	0.010	U	0.010	0.010	U	0.010	0.11	U	0.11	0.076	J	0.021	0.022	U	0.022
4900	0.0094	U	0.0094	0.0094	U	0.0094	0.10	U	0.10	0.020	U	0.020	0.020	U	0.020
NA	0.0096	U	0.0096	0.0096	U	0.0096	0.10	U	0.10	0.020	U	0.020	0.021	U	0.021

EXHIBIT 3

DNREC SIRS	SG-FB1-1114			SG-FB2-1114			SG-SS03-1114			SG-SD03-1114			SG-SS02-1114		
creening Levels	460-86962-2			460-86962-3			460-86962-4			460-86962-5			460-86962-6		
Soils	11/19/2014 16:00:00			11/20/2014 11:00:00			11/19/2014 08:50:00			11/19/2014 09:10:00			11/19/2014 09:50:00		
July 2014	Soil			Soil			Soil			Soil			Soil		
	1			1			10			2			2		
mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
0.9	0.022	U	0.022	0.022	U	0.022	**22**		0.24	0.37		0.046	**5.7**		0.048
560	0.0071	U	0.0071	0.0071	U	0.0071	0.077	U	0.077	0.015	U	0.015	0.015	U	0.015
5	0.0084	U	0.0084	0.0084	U	0.0084	0.26	J	0.091	0.053	J	0.017	0.21	J	0.018
5.1	0.010	U	0.010	0.010	U	0.010	0.11	U	0.11	0.022	U	0.022	0.023	U	0.023
0.076	0.011	U	0.011	0.011	U	0.011	0.12	U	0.12	0.023	U	0.023	0.024	U	0.024
110	0.030	U	0.030	0.030	U	0.030	0.33	U	0.33	0.062	U	0.062	0.065	U	0.065
0.99	0.040	U	0.040	0.040	U	0.040	0.43	U	0.43	0.083	U	0.083	0.087	U	0.087
1000	0.0088	U	0.0088	0.0088	U	0.0088	0.16	J	0.095	6.1		0.018	0.076	J	0.019
1800	0.011	U	0.011	0.011	U	0.011	0.12	U	0.12	0.022	U	0.022	0.023	U	0.023
230	0.015	U	0.015	0.015	U	0.015	55		0.16	3.2		0.031	0.41	J	0.032
NA	0.13			0.13			211.67			19.756			17.433		
NA	**0*T**			**0*T**			**96.4**			**38**			**12.06**		

limits Shaded Concentrations shown in normal type face exceed laboratory method detection limit (MDL)

; or matrix spike recoveries reported are calculated from diluted samples.

MDL and the concentration is an approximate value.

ıe MDL and the concentration is an approximate value.

EXHIBIT 3

DNREC SIRS	SG-SD01-1114			SG-SS05-1114			SG-SD05-1114			SG-SS07-1114			SG-SD07-1114			
creening Levels	460-86962-9			460-86962-10			460-86962-11			460-86962-17			460-86962-18			
Soils	11/19/2014 10:50:00			11/19/2014 11:20:00			11/19/2014 11:30:00			11/19/2014 14:00:00			11/19/2014 14:10:00			
July 2014	Soil			Soil			Soil			Soil			Soil			
	1			100			1			1			1			
mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	
4.7	0.14	J	0.032	**24**	J D	3.2	0.35	J	0.033	0.031	U	0.031	0.034	U	0.034	
4.9	0.016	U	0.016	1.6	U	1.6	0.016	U	0.016	0.015	U	0.015	0.017	U	0.017	
620	0.038	U	0.038	3.8	U	3.8	0.038	U	0.038	0.036	U	0.036	0.040	U	0.040	
6.2	0.011	U	0.011	1.1	U	1.1	0.011	U	0.011	0.010	U	0.010	0.011	U	0.011	
18	0.0089	U	0.0089	0.89	U	0.89	0.0091	U	0.0091	0.0084	U	0.0084	0.0095	U	0.0095	(
120	0.083	U	0.083	8.3	U	8.3	0.084	U	0.084	0.079	U	0.079	0.088	U	0.088	
12	0.29	U	0.29	29	U	29	0.29	U	0.29	0.27	U	0.27	0.30	U	0.30	
1.7	0.015	U	0.015	1.5	U	1.5	0.015	U	0.015	0.014	U	0.014	0.016	U	0.016	
0.36	0.020	U	0.020	2.0	U	2.0	0.020	U	0.020	0.019	U	0.019	0.021	U	0.021	
630	0.0086	U	0.0086	0.86	U	0.86	0.0087	U	0.0087	0.0081	U	0.0081	0.0091	U	0.0091	(
39	0.0096	U	0.0096	0.96	U	0.96	0.0097	U	0.0097	0.0091	U	0.0091	0.010	U	0.010	(
1	0.39		0.0083	**72**	D	0.84	0.067	J	0.0085	0.065	J	0.0079	0.018	J	0.0089	
310	0.016	U	0.016	1.6	U	1.6	0.017	U	0.017	0.016	U	0.016	0.018	U	0.018	
61	0.012	U	0.012	1.2	U	1.2	0.013	U	0.013	0.012	U	0.012	0.013	U	0.013	
NA	0.013	U	0.013	1.3	U	1.3	0.013	U	0.013	0.012	U	0.012	0.013	U	0.013	
1.2	0.042	U	0.042	4.2	U	4.2	0.043	U	0.043	0.040	U	0.040	0.045	U	0.045	
NA	0.011	U	0.011	1.1	U	1.1	0.011	U	0.011	0.011	U	0.011	0.012	U	0.012	
0.49	0.10	U	0.10	10	U	10	0.10	U	0.10	0.096	U	0.096	0.11	U	0.11	
NA	0.012	U	0.012	1.2	U	1.2	0.012	U	0.012	0.011	U	0.011	0.013	U	0.013	
620	0.016	U	0.016	1.6	U	1.6	0.016	U	0.016	0.015	U	0.015	0.017	U	0.017	
2.7	0.0097	U	0.0097	0.97	U	0.97	0.0099	U	0.0099	0.0092	U	0.0092	0.010	U	0.010	(
NA	0.011	U	0.011	1.1	U	1.1	0.011	U	0.011	0.011	U	0.011	0.012	U	0.012	
620	0.010	U	0.010	1.0	U	1.0	0.010	U	0.010	0.0097	U	0.0097	0.011	U	0.011	
25	0.014	U	0.014	1.4	U	1.4	0.015	U	0.015	0.014	U	0.014	0.015	U	0.015	
NA	0.18	U	0.18	18	U	18	0.18	U	0.18	0.17	U	0.17	0.19	U	0.19	
270	0.084	J	0.0091	42	D	0.92	0.21	J	0.0093	0.0087	U	0.0087	0.0097	U	0.0097	
NA	0.14	J	0.0097	23	J D	0.97	0.29	J	0.0099	0.0092	U	0.0092	0.021	J	0.010	(
780	0.0082	U	0.0082	0.82	U	0.82	0.0084	U	0.0084	0.0078	U	0.0078	0.0088	U	0.0088	(
1000	0.26	J	0.036	37	J D	3.6	0.60		0.036	0.034	U	0.034	0.038	U	0.038	
2.3	0.017	U	0.017	1.7	U	1.7	0.017	U	0.017	0.016	U	0.016	0.018	U	0.018	
780	0.029	U	0.029	2.9	U	2.9	0.029	U	0.029	0.027	U	0.027	0.031	U	0.031	
0.9	0.37		0.032	**61**	D	3.2	0.75		0.032	0.030	U	0.030	0.034	U	0.034	
0.09	**0.26**		0.011	**49**	D	1.1	**0.51**		0.012	0.011	U	0.011	0.055		0.012	
0.9	0.24		0.015	**76**	D	1.5	0.54		0.015	0.014	U	0.014	0.041		0.016	
NA	0.14	J	0.022	62	D	**2.2**	0.33	J	0.022	0.021	U	0.021	0.071	J	0.023	
9	0.10		0.016	34	D	1.6	0.19		0.017	0.016	U	0.016	0.020	J	0.018	
18	0.012	U	0.012	1.2	U	1.2	0.012	U	0.012	0.011	U	0.011	0.013	U	0.013	
0.23	0.0089	U	0.0089	0.89	U	0.89	0.0091	U	0.0091	0.0084	U	0.0084	0.0095	U	0.0095	(
38	0.015	U	0.015	1.5	U	1.5	0.015	U	0.015	0.014	U	0.014	0.016	U	0.016	
280	0.012	U	0.012	1.2	U	1.2	0.012	U	0.012	0.011	U	0.011	0.012	U	0.012	
3100	0.027	U	0.027	2.7	U	2.7	0.028	U	0.028	0.026	U	0.026	0.029	U	0.029	
NA	0.0094	U	0.0094	0.94	U	0.94	0.0095	U	0.0095	0.0089	U	0.0089	0.010	U	0.010	
87	0.39		0.010	79	D	1.0	0.62		0.010	0.0097	U	0.0097	0.011	U	0.011	
0.09	0.028	J	0.020	**9.0**	D	2.0	0.037	J	0.020	0.019	U	0.019	0.021	U	0.021	
7.2	0.011	U	0.011	4.8	J D	1.1	0.059	J	0.012	0.011	U	0.011	0.012	U	0.012	
4900	0.011	U	0.011	1.1	U	1.1	0.011	U	0.011	0.010	U	0.010	0.011	U	0.011	
NA	0.011	U	0.011	1.1	U	1.1	0.011	U	0.011	0.010	U	0.010	0.012	U	0.012	

EXHIBIT 3

DNREC SIRS	SG-SD01-1114			SG-SS05-1114			SG-SD05-1114			SG-SS07-1114			SG-SD07-1114		
creening Levels	460-86962-9			460-86962-10			460-86962-11			460-86962-17			460-86962-18		
Soils	11/19/2014 10:50:00			11/19/2014 11:20:00			11/19/2014 11:30:00			11/19/2014 14:00:00			11/19/2014 14:10:00		
July 2014	Soil			Soil			Soil			Soil			Soil		
	1			100			1			1			1		
mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
0.9	0.13		0.025	53	D	2.5	0.26		0.026	0.024	U	0.024	0.055		0.027
560	0.0081	U	0.0081	0.81	U	0.81	0.0082	U	0.0082	0.0077	U	0.0077	0.0086	U	0.0086
5	0.83		0.0096	100	D	0.96	0.21	J	0.0097	0.17	J	0.0091	0.023	J	0.010
5.1	0.012	U	0.012	1.2	U	1.2	0.012	U	0.012	0.011	U	0.011	0.013	U	0.013
0.076	0.013	U	0.013	1.3	U	1.3	0.013	U	0.013	0.012	U	0.012	0.013	U	0.013
110	0.034	U	0.034	3.4	U	3.4	0.035	U	0.035	0.032	U	0.032	0.036	U	0.036
0.99	0.046	U	0.046	4.6	U	4.6	0.046	U	0.046	0.043	U	0.043	0.049	U	0.049
1000	1.1		0.010	250	D	1.0	4.2		0.010	0.016	J	0.0095	0.011	U	0.011
1800	0.012	U	0.012	1.2	U	1.2	0.013	U	0.013	0.012	U	0.012	0.013	U	0.013
230	1.1		0.017	210	D	1.7	3.1		0.017	0.016	U	0.016	0.062	J	0.018
NA	6.742			1394.8			15.623			0.263			0.366		
NA	**10.72**			**290**			**5.15**			**0*T**			**0.33**		

limits
or matrix spike rec
MDL and the conce
ıe MDL and the con

EXHIBIT 3

DNREC SIRS	SG-SS03-1114			SG-SD03-1114			SG-SS02-1114			SG-SD02-1114			SG-SS01-1114			
creening Levels	460-86962-4			460-86962-5			460-86962-6			460-86962-7			460-86962-8			
Soils	11/19/2014 08:50:00			11/19/2014 09:10:00			11/19/2014 09:50:00			11/19/2014 10:10:00			11/19/2014 10:40:00			
July 2014	Soil			Soil			Soil			Soil			Soil			
mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg	
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	F
51200	4050		22.0	688		21.7	3100		21.8	1530		20.8	2520		19.5	
3.1	1.5	U	1.5	1.5	U	1.5	1.5	U	1.5	1.4	U	1.4	1.3	U	1.3	
11	1.2		0.82	0.80	U	0.80	0.81	U	0.81	0.77	U	0.77	0.87	J	0.72	
1500	24.3	J	1.7	2.9	J	1.7	18.5	J	1.7	4.3	J	1.6	18.7	J	1.5	
16	0.27	U	0.27	0.27	U	0.27	0.27	U	0.27	0.26	U	0.26	0.24	U	0.24	
7	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.27	U	0.27	0.25	U	0.25	
NA	157	J	76.1	75.2	U	75.2	75.4	U	75.4	72.1	U	72.1	144	J	67.5	
214	4.4		0.80	2.1		0.79	3.4		0.79	1.8	J	0.75	3.1		0.71	
34	0.90	U	0.90	0.89	U	0.89	0.89	U	0.89	0.85	U	0.85	0.80	J	0.80	
310	1.8	U	1.8	1.7	U	1.7	19.8		1.7	1.7	U	1.7	1.6	U	1.6	
74767	2910		24.8	506		24.5	1860		24.5	303		23.5	2510		22.0	
400	4.4		0.82	0.81	U	0.81	2.8		0.81	1.4		0.77	2.3		0.72	
NA	294	J	66.1	65.3	U	65.3	206	J	65.4	62.5	U	62.5	198	J	58.6	
2100	19.1		0.86	1.1	J	0.85	7.7		0.85	2.2	J	0.81	17.1		0.76	
150	3.2	J	1.8	1.8	U	1.8	1.8	U	1.8	1.7	U	1.7	1.6	U	1.6	
NA	140	J	27.5	32.6	J	27.1	109	J	27.2	80.2	J	26.0	105	J	24.4	
39	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.0	U	1.0	
39	0.39	U	0.39	0.38	U	0.38	0.38	U	0.38	0.37	U	0.37	0.34	U	0.34	
NA	75.2	U	75.2	74.3	U	74.3	74.5	U	74.5	71.2	U	71.2	66.7	U	66.7	
0.078	2.0	U	2.0	1.9	U	1.9	1.9	U	1.9	1.8	U	1.8	1.7	U	1.7	
134	5.5	J	0.82	1.4	J	0.81	4.9	J	0.81	0.93	J	0.78	4.4	J	0.73	
2300	29.9		1.7	1.7	U	1.7	5.1	J	1.7	1.6	U	1.6	3.3	J	1.5	
0.94	0.10		0.013	0.013	U	0.013	0.013	U	0.013	0.012	U	0.012	0.013	U	0.013	

DNREC SL

: MDL and the concentration is an approximate value.

EXHIBIT 3

19720-2774

		DNREC SIRS	SG-SD05-1114			SG-SS07-1114			SG-SD07-1114			SG-SS08-1114			
		Screening Levels	460-86962-11			460-86962-17			460-86962-18			460-86962-19			
		Soils	11/19/2014 11:30:00			11/19/2014 14:00:00			11/19/2014 14:10:00			11/20/2014 08:50:00			
		July 2014	Soil			Soil			Soil			Soil			
		mg/kg			mg/kg			mg/kg			mg/kg			mg/kg	
	CAS#		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	F
	7429-90-5	51200	6450		25.7	2550		21.6	12300		25.7	5490		23.6	1
	7440-36-0	3.1	1.8	U	1.8	1.5	U	1.5	1.8	U	1.8	1.6	U	1.6	
	7440-38-2	11	0.95	U	0.95	1.5		0.80	1.2		0.95	1.3		0.88	
	7440-39-3	1500	12.1	J	2.0	11.8	J	1.7	16.9	J	2.0	19.7	J	1.8	
	7440-41-7	16	0.32	U	0.32	0.27	U	0.27	0.32	U	0.32	0.29	U	0.29	
	7440-43-9	7	0.33	U	0.33	0.28	U	0.28	0.33	U	0.33	0.30	U	0.30	
	7440-70-2	NA	371	J	88.9	74.8	U	74.8	583	J	88.8	345	J	81.8	
	7440-47-3	214	5.9		0.93	3.7		0.78	12.3		0.93	5.9		0.86	
	7440-48-4	34	1.0	U	1.0	0.88	U	0.88	1.0	U	1.0	0.96	U	0.96	
	7440-50-8	310	2.0	U	2.0	3.3	J	1.7	3.1	J	2.0	1.9	U	1.9	
	7439-89-6	74767	2440		28.9	2910		24.3	3590		28.9	3680		26.6	
	7439-92-1	400	4.3		0.95	3.2		0.80	8.1		0.95	3.4		0.88	
	7439-95-4	NA	207	J	77.2	216	J	64.9	259	J	77.1	245	J	71.0	
	7439-96-5	2100	11.6		1.0	25.5		0.84	8.7		1.0	11.5		0.92	
	7440-02-0	150	2.1	U	2.1	1.8	U	1.8	2.1	J	2.1	1.9	J	1.9	
	7440-09-7	NA	224	J	32.1	95.3	J	27.0	421	J	32.1	208	J	29.5	
	7782-49-2	39	1.3	U	1.3	1.1	U	1.1	1.3	U	1.3	1.2	U	1.2	
	7440-22-4	39	0.45	U	0.45	0.38	U	0.38	0.45	U	0.45	0.41	U	0.41	
	7440-23-5	NA	87.9	U	87.9	73.9	U	73.9	87.8	U	87.8	80.8	U	80.8	
	7440-28-0	0.078	2.3	U	2.3	1.9	U	1.9	2.3	U	2.3	2.1	U	2.1	
	7440-62-2	134	6.9	J	0.96	6.4	J	0.81	17.8		0.96	9.6	J	0.88	
	7440-66-6	2300	4.3	J	2.0	7.4		1.7	16.0		2.0	7.7		1.8	
	7439-97-6	0.94	0.014	U	0.014	0.13		0.012	0.036		0.015	0.017	J	0.013	

ons shown in **bold type** face exceed DNREC SL
ıe RL but greater than or equal to the MDL and the conce
ɜ was analyzed for but not detected.

EXHIBIT 3

DNREC SIRS															
Screening Levels	460-86962-27			460-86962-28			460-86962-29			460-86962-30			460-86962-31		
Groundwater	11/21/2014 09:00:00			11/21/2014 10:30:00			11/21/2014 12:00:00			11/21/2014 13:30:00			11/21/2014 10:00:00		
July 2014	Water			Water			Water			Water			Water		
	1			1			5			1			1		
ug/l	ug/l			ug/l			ug/l			ug/l			ug/l		
	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
200	0.060	U	0.060	0.060	U	0.060	0.30	U	0.30	0.060	U	0.060	0.060	U	0.060
0.076	0.16	U	0.16	0.16	U	0.16	0.80	U	0.80	0.16	U	0.16	0.16	U	0.16
5500	0.080	U	0.080	0.080	U	0.080	0.40	U	0.40	0.080	U	0.080	0.080	U	0.080
0.041	0.19	U	0.19	0.19	U	0.19	0.95	U	0.95	0.19	U	0.19	0.19	U	0.19
2.7	0.13	U	0.13	0.13	U	0.13	0.65	U	0.65	0.13	U	0.13	0.13	U	0.13
7	0.090	U	0.090	0.090	U	0.090	0.45	U	0.45	0.090	U	0.090	0.090	U	0.090
0.4	0.34	U	0.34	0.34	U	0.34	1.7	U	1.7	0.34	U	0.34	0.34	U	0.34
0.00033	0.40	U	0.40	0.40	U	0.40	2.0	U	2.0	0.40	U	0.40	0.40	U	0.40
0.0075	0.28	U	0.28	0.28	U	0.28	1.4	U	1.4	0.28	U	0.28	0.28	U	0.28
30	0.21	U	0.21	0.21	U	0.21	1.1	U	1.1	0.21	U	0.21	0.21	U	0.21
0.17	0.19	U	0.19	0.19	U	0.19	0.95	U	0.95	0.19	U	0.19	0.19	U	0.19
0.44	0.090	U	0.090	0.090	U	0.090	0.45	U	0.45	0.090	U	0.090	0.090	U	0.090
NA	0.14	U	0.14	0.14	U	0.14	0.70	U	0.70	0.14	U	0.14	0.14	U	0.14
0.48	0.23	U	0.23	0.23	U	0.23	1.2	U	1.2	0.23	U	0.23	0.23	U	0.23
560	2.3	U	2.3	2.3	U	2.3	12	U	12	2.3	U	2.3	2.3	U	2.3
3.8	0.50	U	0.50	0.50	U	0.50	2.5	U	2.5	0.50	U	0.50	0.50	U	0.50
120	0.99	U	0.99	0.99	U	0.99	5.0	U	5.0	0.99	U	0.99	0.99	U	0.99
1400	2.7	U	2.7	2.7	U	2.7	13	U	13	2.7	U	2.7	2.7	U	2.7
0.45	0.080	U	0.080	**9.1**		0.080	**27**		0.40	0.080	U	0.080	**11**		0.080
9.2	0.19	U	0.19	0.19	U	0.19	0.95	U	0.95	0.19	U	0.19	0.19	U	0.19
0.75	0.18	U	0.18	0.18	U	0.18	0.90	U	0.90	0.18	U	0.18	0.18	U	0.18
81	0.13	U	0.13	0.13	U	0.13	0.65	U	0.65	0.13	U	0.13	0.13	U	0.13
0.45	0.060	U	0.060	0.060	U	0.060	0.30	U	0.30	0.060	U	0.060	0.060	U	0.060
7.8	0.11	U	0.11	0.11	U	0.11	0.55	U	0.55	0.11	U	0.11	0.11	U	0.11
0.17	0.20	U	0.20	0.20	U	0.20	1.0	U	1.0	0.20	U	0.20	0.20	U	0.20
2100	0.17	U	0.17	0.17	U	0.17	0.85	U	0.85	0.17	U	0.17	0.17	U	0.17
0.22	0.080	U	0.080	0.080	U	0.080	0.40	U	0.40	0.080	U	0.080	0.080	U	0.080
19	0.10	U	0.10	0.10	U	0.10	0.50	U	0.50	0.10	U	0.10	0.10	U	0.10
3.6	0.18	U	0.18	0.18	U	0.18	0.90	U	0.90	0.18	U	0.18	0.18	U	0.18
NA	0.18	U	0.18	0.18	U	0.18	0.90	U	0.90	0.18	U	0.18	0.18	U	0.18
1300	0.16	U	0.16	0.16	U	0.16	0.80	U	0.80	0.16	U	0.16	0.16	U	0.16
0.13	0.12	U	0.12	0.12	U	0.12	0.60	U	0.60	0.12	U	0.12	0.12	U	0.12
20	0.22	U	0.22	0.22	U	0.22	1.1	U	1.1	0.22	U	0.22	0.22	U	0.22
1.5	0.10	U	0.10	**6.0**		0.10	**30**		0.50	0.10	U	0.10	**7.5**		0.10
45	0.080	U	0.080	0.34	J	0.080	3.1	J	0.40	0.080	U	0.080	0.41	J	0.080
2000	0.34	U	0.34	0.34	U	0.34	1.7	U	1.7	0.34	U	0.34	0.34	U	0.34
10	0.14	U	0.14	0.14	U	0.14	0.70	U	0.70	0.14	U	0.14	0.14	U	0.14
NA	0.14	U	0.14	0.14	U	0.14	0.70	U	0.70	0.14	U	0.14	0.14	U	0.14
5	0.18	U	0.18	0.18	U	0.18	0.90	U	0.90	0.18	U	0.18	0.18	U	0.18
100	0.12	U	0.12	22		0.12	4.1	J	0.60	0.12	U	0.12	25		0.12
1	0.10	U	0.10	0.10	U	0.10	0.50	U	0.50	0.10	U	0.10	0.10	U	0.10
110	0.15	U	0.15	20		0.15	33		0.75	0.15	U	0.15	25		0.15
36	0.13	U	0.13	0.13	U	0.13	0.65	U	0.65	0.13	U	0.13	0.13	U	0.13
NA	0.24	U	0.24	0.24	U	0.24	1.2	U	1.2	0.24	U	0.24	0.24	U	0.24
0.28	0.090	U	0.090	0.090	U	0.090	0.45	U	0.45	0.090	U	0.090	0.090	U	0.090
110	0.15	U	0.15	0.15	U	0.15	0.75	U	0.75	0.15	U	0.15	0.15	U	0.15
0.019	0.14	U	0.14	0.14	U	0.14	0.70	U	0.70	0.14	U	0.14	0.14	U	0.14
19	0.13	U	0.13	**46**		0.13	**180**		0.65	0.13	U	0.13	**55**		0.13

EXHIBIT 3

	DNREC SIRS	SG-MW01-1114			SG-MW02-1114			SG-MW03-1114			SG-MW04-1114			SG-MW05-1114		
	Screening Levels	460-86962-27			460-86962-28			460-86962-29			460-86962-30			460-86962-31		
	Groundwater	11/21/2014 09:00:00			11/21/2014 10:30:00			11/21/2014 12:00:00			11/21/2014 13:30:00			11/21/2014 10:00:00		
	July 2014	Water			Water			Water			Water			Water		
		1			2			5			1			2		
	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l		
CAS#		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
?-52-4	0.083	1.8	U	1.8	**6.3**	J	3.6	**22**	J	9.4	1.9	U	1.9	**5.9**	J	3.6
3-60-1	0.36	1.3	U	1.3	2.6	U	2.6	6.8	U	6.8	1.4	U	1.4	2.6	U	2.6
5-95-4	120	2.2	U	2.2	4.4	U	4.4	11	U	11	2.3	U	2.3	4.4	U	4.4
3-06-2	1.2	1.4	U	1.4	2.8	U	2.8	7.3	U	7.3	1.5	U	1.5	2.8	U	2.8
)-83-2	4.6	1.1	U	1.1	2.2	U	2.2	5.7	U	5.7	1.1	U	1.1	2.2	U	2.2
5-67-9	36	1.2	U	1.2	2.4	U	2.4	6.3	U	6.3	1.3	U	1.3	2.4	U	2.4
1-28-5	3.9	2.0	U	2.0	4.0	U	4.0	10	U	10	2.1	U	2.1	4.0	U	4.0
1-14-2	0.24	0.28	U	0.28	0.56	U	0.56	1.5	U	1.5	0.29	U	0.29	0.56	U	0.56
5-20-2	0.048	0.27	U	0.27	0.54	U	0.54	1.4	U	1.4	0.28	U	0.28	0.54	U	0.54
1-58-7	75	1.3	U	1.3	2.6	U	2.6	6.8	U	6.8	1.4	U	1.4	2.6	U	2.6
5-57-8	9.1	0.93	U	0.93	1.9	U	1.9	4.8	U	4.8	0.97	U	0.97	1.9	U	1.9
1-57-6	3.6	1.5	U	1.5	**51**		3.0	**150**		7.8	1.6	U	1.6	**47**		3.0
5-48-7	93	1.4	U	1.4	2.8	U	2.8	7.3	U	7.3	1.5	U	1.5	2.8	U	2.8
3-74-4	19	2.0	U	2.0	4.0	U	4.0	10	U	10	2.1	U	2.1	4.0	U	4.0
3-75-5	NA	0.68	U	0.68	1.4	U	1.4	3.5	U	3.5	0.71	U	0.71	1.4	U	1.4
1-94-1	0.12	3.2	U	3.2	6.4	U	6.4	17	U	17	3.3	U	3.3	6.4	U	6.4
9-09-2	NA	2.9	U	2.9	5.8	U	5.8	15	U	15	3.0	U	3.0	5.8	U	5.8
1-52-1	0.15	3.0	U	3.0	6.0	U	6.0	16	U	16	3.1	U	3.1	6.0	U	6.0
1-55-3	NA	1.1	U	1.1	2.2	U	2.2	5.7	U	5.7	1.1	U	1.1	2.2	U	2.2
3-50-7	140	1.1	U	1.1	2.2	U	2.2	5.7	U	5.7	1.1	U	1.1	2.2	U	2.2
5-47-8	0.36	0.32	U	0.32	0.64	U	0.64	1.7	U	1.7	0.33	U	0.33	0.64	U	0.64
5-72-3	NA	1.5	U	1.5	3.0	U	3.0	7.8	U	7.8	1.6	U	1.6	3.0	U	3.0
5-44-5	190	1.0	U	1.0	2.0	U	2.0	5.2	U	5.2	1.0	U	1.0	2.0	U	2.0
)-01-6	3.8	2.9	U	2.9	5.8	U	5.8	15	U	15	3.0	U	3.0	5.8	U	5.8
)-02-7	NA	2.0	U	2.0	4.0	U	4.0	10	U	10	2.1	U	2.1	4.0	U	4.0
3-32-9	53	1.1	U	1.1	4.4	J	2.2	53		5.7	1.1	U	1.1	3.9	J	2.2
3-96-8	NA	1.8	U	1.8	22		3.6	92		9.4	1.9	U	1.9	21		3.6
3-86-2	190	0.89	U	0.89	1.8	J	1.8	4.6	U	4.6	0.93	U	0.93	2.1	J	1.8
)-12-7	180	0.85	U	0.85	4.6	J	1.7	8.6	J	4.4	0.89	U	0.89	4.0	J	1.7
?-24-9	0.3	1.0	U	1.0	2.0	U	2.0	5.2	U	5.2	1.0	U	1.0	2.0	U	2.0
)-52-7	190	2.1	U	2.1	4.2	U	4.2	11	U	11	2.2	U	2.2	4.2	U	4.2
5-55-3	0.034	0.18	U	0.18	0.36	U	0.36	0.94	U	0.94	0.19	U	0.19	0.36	U	0.36
)-32-8	0.0034	0.14	U	0.14	0.28	U	0.28	**0.84**	J	0.73	0.15	U	0.15	0.28	U	0.28
5-99-2	0.034	0.21	U	0.21	0.42	U	0.42	1.1	U	1.1	0.22	U	0.22	0.42	U	0.42
1-24-2	NA	0.93	U	0.93	1.9	U	1.9	4.8	U	4.8	0.97	U	0.97	1.9	U	1.9
7-08-9	0.34	0.14	U	0.14	0.28	U	0.28	0.73	U	0.73	0.15	U	0.15	0.28	U	0.28
1-91-1	5.9	1.0	U	1.0	2.0	U	2.0	5.2	U	5.2	1.0	U	1.0	2.0	U	2.0
1-44-4	0.014	0.30	U	0.30	0.60	U	0.60	1.6	U	1.6	0.31	U	0.31	0.60	U	0.60
7-81-7	5.6	0.81	U	0.81	1.6	U	1.6	4.2	U	4.2	0.84	U	0.84	1.6	U	1.6
5-68-7	16	1.4	U	1.4	2.8	U	2.8	7.3	U	7.3	1.5	U	1.5	2.8	U	2.8
5-60-2	990	0.91	U	0.91	1.8	U	1.8	4.7	U	4.7	0.95	U	0.95	1.8	U	1.8
5-74-8	NA	1.2	U	1.2	2.4	U	2.4	6.3	U	6.3	1.3	U	1.3	2.4	U	2.4
3-01-9	3.4	1.4	U	1.4	2.8	U	2.8	7.3	U	7.3	1.5	U	1.5	2.8	U	2.8

EXHIBIT 3

	DNREC SIRS	SG-MW01-1114			SG-MW02-1114			SG-MW03-1114			SG-MW04-1114			SG-MW05-1114		
	Screening Levels	460-86962-27			460-86962-28			460-86962-29			460-86962-30			460-86962-31		
	Groundwater	11/21/2014 09:00:00			11/21/2014 10:30:00			11/21/2014 12:00:00			11/21/2014 13:30:00			11/21/2014 10:00:00		
	July 2014	Water			Water			Water			Water			Water		
		1			2			5			1			2		
	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l		
CAS#		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
l-11-3	NA	1.1	U	1.1	2.2	U	2.2	5.7	U	5.7	1.1	U	1.1	2.2	U	2.2
4-74-2	90	1.0	U	1.0	2.0	U	2.0	5.2	U	5.2	1.0	U	1.0	2.0	U	2.0
7-84-0	20	0.88	U	0.88	1.8	U	1.8	4.6	U	4.6	0.92	U	0.92	1.8	U	1.8
5-44-0	80	1.1	U	1.1	2.2	U	2.2	5.7	U	5.7	1.1	U	1.1	2.2	U	2.2
5-73-7	29	1.7	U	1.7	15	J	3.4	**40**	J	8.9	1.8	U	1.8	13	J	3.4
3-74-1	0.049	0.20	U	0.20	0.40	U	0.40	1.0	U	1.0	0.21	U	0.21	0.40	U	0.40
7-68-3	0.3	0.68	U	0.68	1.4	U	1.4	3.5	U	3.5	0.71	U	0.71	1.4	U	1.4
7-47-4	3.1	1.5	U	1.5	3.0	U	3.0	7.8	U	7.8	1.6	U	1.6	3.0	U	3.0
7-72-1	0.69	0.15	U	0.15	0.30	U	0.30	0.78	U	0.78	0.16	U	0.16	0.30	U	0.30
3-39-5	0.034	0.11	U	0.11	0.22	U	0.22	0.57	U	0.57	0.11	U	0.11	0.22	U	0.22
3-59-1	78	1.3	U	1.3	2.6	U	2.6	6.8	U	6.8	1.4	U	1.4	2.6	U	2.6
l-20-3	0.17	2.0	U	2.0	**280**		4.0	**880**		10	2.1	U	2.1	**310**		4.0
3-95-3	0.14	0.34	U	0.34	0.68	U	0.68	1.8	U	1.8	0.35	U	0.35	0.68	U	0.68
l-64-7	0.011	0.27	U	0.27	0.54	U	0.54	1.4	U	1.4	0.28	U	0.28	0.54	U	0.54
5-30-6	12	1.0	U	1.0	2.0	U	2.0	5.2	U	5.2	1.0	U	1.0	2.0	U	2.0
7-86-5	0.04	2.7	U	2.7	5.4	U	5.4	14	U	14	2.8	U	2.8	5.4	U	5.4
5-01-8	12	1.2	U	1.2	**27**		2.4	**47**	J	6.3	1.3	U	1.3	**25**		2.4
3-95-2	580	0.60	U	0.60	1.2	U	1.2	3.1	U	3.1	0.63	U	0.63	1.2	U	1.2
3-00-0	12	1.1	U	1.1	2.7	J	2.2	7.3	J	5.7	1.1	U	1.1	2.3	J	2.2
	NA	0.0			414.8			1300.74			0.0			434.2		
	NA	**6.9**			**316.0**			**1210.0**			**0.0*T**			**269.0**		

ace exceeds DNREC Screening Level

equal to the MDL and the concentration is an approximate value.

ot detected.

Shaded Concentrations shown in normal type face exceed laboratory method detection limit (MDL)

EXHIBIT 3

	DNREC SIRS	SG-MW01-1114			SG-MW02-1114			SG-MW03-1114			SG-MW04-1114			SG-MW05-1114		
	Screening Levels	460-86962-27			460-86962-28			460-86962-29			460-86962-30			460-86962-31		
	Groundwater	11/21/2014 09:00:00			11/21/2014 10:30:00			11/21/2014 12:00:00			11/21/2014 13:30:00			11/21/2014 10:00:00		
	July 2014	Water			Water			Water			Water			Water		
		1			1			1			1			1		
	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l		
CAS#		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
?-54-8	0.031	0.0097	U *	0.0097	0.020	U *	0.020	0.020	U *	0.020	0.020	U *	0.020	0.019	U *	0.019
?-55-9	0.23	0.0082	U *	0.0082	0.017	U *	0.017	0.017	U *	0.017	0.017	U *	0.017	0.016	U *	0.016
)-29-3	0.23	0.0087	U *	0.0087	0.018	U *	0.018	0.018	U *	0.018	0.018	U *	0.018	0.017	U *	0.017
)-00-2	0.0046	0.0087	U	0.0087	0.018	U	0.018	0.018	U	0.018	0.018	U	0.018	0.017	U	0.017
)-84-6	0.0071	0.0046	U	0.0046	0.0094	U	0.0094	0.0094	U	0.0094	0.0094	U	0.0094	0.0090	U	0.0090
)-71-9	NA	0.0082	U *	0.0082	0.017	U *	0.017	0.017	U *	0.017	0.017	U *	0.017	0.016	U *	0.016
)-85-7	0.025	0.0066	U	0.0066	0.014	U	0.014	0.014	U	0.014	0.014	U	0.014	0.013	U	0.013
)-86-8	NA	0.0061	U	0.0061	0.013	U	0.013	0.013	U	0.013	0.013	U	0.013	0.012	U	0.012
)-57-1	0.0017	0.011	U *	0.011	0.023	U *	0.023	0.023	U *	0.023	0.023	U *	0.023	0.022	U *	0.022
)-98-8	NA	0.0082	U *	0.0082	0.017	U *	0.017	0.017	U *	0.017	0.017	U *	0.017	0.016	U *	0.016
)-65-9	NA	0.0082	U *	0.0082	0.017	U *	0.017	0.017	U *	0.017	0.017	U *	0.017	0.016	U *	0.016
)-07-8	NA	0.0082	U *	0.0082	0.017	U *	0.017	0.017	U *	0.017	0.017	U *	0.017	0.016	U *	0.016
?-20-8	0.23	0.0087	U	0.0087	0.018	U	0.018	0.018	U	0.018	0.018	U	0.018	0.017	U	0.017
)-93-4	NA	0.0082	U *	0.0082	0.017	U *	0.017	0.017	U *	0.017	0.017	U *	0.017	0.016	U *	0.016
)-70-5	NA	0.0082	U *	0.0082	0.017	U *	0.017	0.017	U *	0.017	0.017	U *	0.017	0.016	U *	0.016
)-89-9	0.041	0.0071	U	0.0071	0.015	U	0.015	0.015	U	0.015	0.015	U	0.015	0.014	U	0.014
)-74-2	NA	0.0077	U *	0.0077	0.016	U *	0.016	0.016	U *	0.016	0.016	U *	0.016	0.015	U *	0.015
)-44-8	0.002	0.0071	U *	0.0071	0.015	U *	0.015	0.015	U *	0.015	0.015	U *	0.015	0.014	U *	0.014
)-57-3	0.0038	0.0082	U	0.0082	0.017	U	0.017	0.017	U	0.017	0.017	U	0.017	0.016	U	0.016
?-43-5	3.7	0.0077	U *	0.0077	0.016	U *	0.016	0.016	U *	0.016	0.016	U *	0.016	0.015	U *	0.015
)-35-2	0.015	0.17	U	0.17	0.35	U	0.35	0.35	U	0.35	0.35	U	0.35	0.34	U	0.34

)t detected.

EXHIBIT 3

	DNREC SIRS	SG-MW01-1114			SG-MW02-1114			SG-MW03-1114			SG-MW04-1114			SG-MW05-1114		
	Screening Levels	460-86962-27			460-86962-28			460-86962-29			460-86962-30			460-86962-31		
	Groundwater	11/21/2014 09:00:00			11/21/2014 10:30:00			11/21/2014 12:00:00			11/21/2014 13:30:00			11/21/2014 10:00:00		
	July 2014	Water			Water			Water			Water			Water		
		1			1			1			1			1		
	ug/l	ug/l			ug/l			ug/l			ug/l			ug/l		
CAS#		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
-11-2	0.14	0.14	U	0.14	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.27	U	0.27
-28-2	0.0046	0.14	U	0.14	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.27	U	0.27
-16-5	0.0046	0.14	U	0.14	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.27	U	0.27
-21-9	0.039	0.14	U	0.14	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.27	U	0.27
-29-6	0.039	0.14	U	0.14	0.28	U	0.28	0.28	U	0.28	0.28	U	0.28	0.27	U	0.27
-69-1	0.039	0.11	U	0.11	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.21	U	0.21
-82-5	0.039	0.11	U	0.11	0.22	U	0.22	0.22	U	0.22	0.22	U	0.22	0.21	U	0.21

t detected.

EXHIBIT 3

	DNREC SIRS	SG-MW01-1114			SG-MW02-1114			SG-MW03-1114			SG-MW04-1114			SG-MW05-1114		
	Screening Levels	460-86962-27			460-86962-28			460-86962-29			460-86962-30			460-86962-31		
	Groundwater	11/21/2014 09:00:00			11/21/2014 10:30:00			11/21/2014 12:00:00			11/21/2014 13:30:00			11/21/2014 10:00:00		
	July 2014	Water			Water			Water			Water			Water		
CAS#		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL
7-12-5	0.00015	0.0040	U	0.0040	0.0040	U	0.0040	**0.023**	B	0.0040	0.0040	U	0.0040	0.0040	U	0.0040

ace exceed limits
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t detected.

EXHIBIT 3

	DNREC SIRS	SG-MW01-1114			SG-MW02-1114			SG-MW03-1114			SG-MW04-1114			SG-MW05-1		
	Screening Levels	460-86962-27			460-86962-28			460-86962-29			460-86962-30			460-86962		
	Groundwater	11/21/2014 09:00:00			11/21/2014 10:30:00			11/21/2014 12:00:00			11/21/2014 13:30:00			11/21/2014 10:0(		
	July 2014	Water			Water			Water			Water			W		
	ug/l	ug/l			ug/l			ug/l			ug/l					
CAS#		Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	MDL	Result	Q	M
7429-90-5	2000	161	J	73.6	73.6	U	73.6	931		73.6	1110		73.6	73.6	U	
7429-90-5	2000	73.6	U	73.6	73.6	U	73.6	73.6	U	73.6	126	J	73.6	73.6	U	
7440-36-0	0.78	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	
7440-36-0	0.78	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	5.4	5.4	U	
7440-38-2	0.052	4.3	U	4.3	4.3	U	4.3	4.3	U	4.3	4.3	U	4.3	4.3	U	
7440-38-2	0.052	4.3	U	4.3	4.3	U	4.3	4.3	U	4.3	4.3	U	4.3	4.3	U	
7440-39-3	380	89.2	J	6.5	71.7	J	6.5	134	J	6.5	87.9	J	6.5	72.4	J	
7440-39-3	380	95.9	J	6.5	75.9	J	6.5	134	J	6.5	99.9	J	6.5	74.1	J	
7440-41-7	2.5	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	
7440-41-7	2.5	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	1.1	1.1	U	
7440-43-9	0.92	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	
7440-43-9	0.92	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	1.2	1.2	U	
7440-70-2	NA	11600		416	13600		416	23800		416	15000		416	13600		
7440-70-2	NA	12000		416	14300		416	25200		416	14800		416	14700		
7440-47-3	10	4.6	U	4.6	4.6	U	4.6	7.2	J	4.6	9.6	J	4.6	4.6	U	
7440-47-3	10	4.6	U	4.6	4.6	U	4.6	4.6	U	4.6	4.7	J	4.6	4.6	U	
7440-48-4	0.6	3.8	U	3.8	3.8	U	3.8	3.8	U	3.8	3.8	U	3.8	3.8	U	
7440-48-4	0.6	3.8	U	3.8	3.8	U	3.8	3.8	U	3.8	4.1	J	3.8	3.8	U	
7440-50-8	80	6.2	U	6.2	6.2	U	6.2	6.2	U	6.2	8.1	J	6.2	6.2	U	
7440-50-8	80	6.2	U	6.2	6.2	U	6.2	6.2	U	6.2	6.2	U	6.2	6.2	U	
7439-89-6	1400	**13800**		51.4	**7930**		51.4	**22000**		51.4	**10300**		51.4	**7410**		
7439-89-6	1400	**14400**		51.4	**8320**		51.4	**18200**		51.4	**20900**		51.4	**8910**		
7439-92-1	5	4.6	U	4.6	4.6	U	4.6	4.6	U	4.6	4.6	U	4.6	4.6	U	
7439-92-1	5	4.6	U	4.6	4.6	U	4.6	4.6	U	4.6	4.6	U	4.6	4.6	U	
7439-95-4	NA	2770	J	355	4140	J	355	5580		355	7200		355	4150	J	
7439-95-4	NA	2910	J	355	4210	J	355	6180		355	6840		355	4470	J	
7439-96-5	43	**212**		4.3	**68.8**		4.3	**591**		4.3	**110**		4.3	**62.8**		
7439-96-5	43	**201**		4.3	**65.2**		4.3	**512**		4.3	**176**		4.3	**70.4**		
7440-02-0	39	13.1	J	7.8	7.8	U	7.8	7.8	U	7.8	16.6	J	7.8	7.8	U	

EXHIBIT 3